

R-MAMMA1002820//ESTs//5.0e-14:192:74//Hs.134635:AA226260
R-MAMMA1002830//EST//4.0e-50:255:97//Hs.160674:AI248319
R-MAMMA1002833//EST//1.2e-48:306:88//Hs.149580:AI281881
R-MAMMA1002835
R-MAMMA1002838//EST//2.7e-12:161:76//Hs.163252:AA828723
R-MAMMA1002842//ESTs//1.7e-41:366:78//Hs.141899:N22395
R-MAMMA1002843//Von Hippel-Lindau syndrome//8.8e-38:258:79//Hs.78160:AF0
10238
R-MAMMA1002844//ESTs//3.5e-51:250:99//Hs.151445:AA351081
R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end//9.0e-101:361:91//Hs.85155:X
79067
R-MAMMA1002868//ESTs//2.1e-38:301:80//Hs.132717:AA171941
R-MAMMA1002871//EST//6.0e-88:413:99//Hs.149057:AI243592
R-MAMMA1002880//ESTs//6.5e-100:506:96//Hs.163533:N52194
R-MAMMA1002881//EST//1.1e-40:335:80//Hs.160895:AI365871
R-MAMMA1002886//Small inducible cytokine A5 (RANTES)//3.4e-36:228:88//Hs
.155464:AF088219
R-MAMMA1002887//ESTs//4.7e-87:409:99//Hs.152155:AA424811
R-MAMMA1002890//ESTs, Weakly similar to coded for by C. elegans cDNA CEE
SB82F [C.elegans]//4.2e-92:438:99//Hs.155871:AA533783
R-MAMMA1002892//Homo sapiens EVI5 homolog mRNA, complete cds//4.9e-62:32
2:80//Hs.26929:AF008915
R-MAMMA1002895//ESTs//2.7e-32:330:76//Hs.139132:AA211087
R-MAMMA1002908//Calcium modulating ligand//4.6e-48:313:86//Hs.13572:AF06
8179
R-MAMMA1002909//Human mRNA for KIAA0180 gene, partial cds//3.4e-09:132:7
6//Hs.90981:D80002
R-MAMMA1002930//EST//4.9e-44:260:91//Hs.149580:AI281881
R-MAMMA1002938

R-MAMMA1002941//Human Line-1 repeat mRNA with 2 open reading frames//1.1e-83:556:85//Hs.23094:M19503

R-MAMMA1002947//ESTs//7.0e-22:222:80//Hs.103395:T79243

R-MAMMA1002964//Human mRNA for KIAA0355 gene, complete cds//1.6e-44:427:77//Hs.153014:AB002353

R-MAMMA1002970//Thromboxane A2 receptor//7.9e-48:300:84//Hs.89887:D38081

R-MAMMA1002972//ESTs, Weakly similar to KIAA0371 [H.sapiens]//9.6e-104:525:95//Hs.94396:AA399630

R-MAMMA1002973//ESTs//4.4e-40:257:87//Hs.163580:H15835

R-MAMMA1002982//ESTs//2.5e-28:115:87//Hs.141694:W15279

R-MAMMA1002987//Homo sapiens DNA fragmentation factor 40 kDa subunit (DF F40) mRNA, complete cds//2.1e-41:402:67//Hs.133089:AF064019

R-MAMMA1003003//Calcium modulating ligand//1.9e-45:380:79//Hs.13572:AF068179

R-MAMMA1003004//ESTs//3.0e-07:378:60//Hs.61885:AI127857

R-MAMMA1003007//ESTs//2.0e-47:404:80//Hs.146314:R99617

R-MAMMA1003011//ESTs, Highly similar to HISTONE MACRO-H2A.1 [Rattus norvegicus]//1.4e-53:320:90//Hs.92023:AI022248

R-MAMMA1003015//ESTs//1.5e-42:363:79//Hs.155184:AA573189

R-MAMMA1003019//ESTs//4.8e-10:232:66//Hs.111341:AA251268

R-MAMMA1003026//ESTs//2.3e-83:394:99//Hs.24668:AA897315

R-MAMMA1003031//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.5e-27:257:77//Hs.96337:AA225358

R-MAMMA1003035//ESTs//1.3e-94:481:94//Hs.92411:AA603321

R-MAMMA1003039//EST//0.56:210:61//Hs.162248:AA552160

R-MAMMA1003040//ESTs//2.1e-17:261:70//Hs.46980:W55940

R-MAMMA1003044//EST//2.4e-18:124:91//Hs.130321:AI002941

R-MAMMA1003047//ESTs//1.0e-20:209:78//Hs.15916:H12862

R-MAMMA1003049//14-3-3 PROTEIN SIGMA//0.94:184:60//Hs.2510:X57348

R-MAMMA1003055//EST//1.0e-49:281:92//Hs.149580:AI281881
 R-MAMMA1003056//ESTs//0.99:107:66//Hs.30348:AI038559
 R-MAMMA1003057//ESTs, Highly similar to hypothetical protein MD6 [M.musculus] //1.1e-102:545:93//Hs.13755:AA878911
 R-MAMMA1003066//H.sapiens mRNA for urea transporter//8.1e-45:322:83//Hs.66710:X96969
 R-MAMMA1003089//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens] //1.4e-34:421:70//Hs.161959:AA493652
 R-MAMMA1003099//ESTs//1.1e-43:379:79//Hs.37573:H59651
 R-MAMMA1003104//ESTs//2.1e-97:498:96//Hs.9299:T51283
 R-MAMMA1003113//EST//3.7e-29:457:70//Hs.123616:AA815366
 R-MAMMA1003127//ESTs//2.6e-41:283:86//Hs.146811:AA410788
 R-MAMMA1003135//ESTs//7.2e-101:504:97//Hs.87729:AA863125
 R-MAMMA1003140//ESTs//4.3e-44:200:89//Hs.152093:AI149537
 R-MAMMA1003146//Wingless-type MMTV integration site 5A, human homolog//0.020:413:61//Hs.152213:L20861
 R-MAMMA1003150
 R-MAMMA1003166//ESTs, Moderately similar to PEANUT PROTEIN [Drosophila melanogaster] //2.0e-87:524:89//Hs.6884:W30736
 R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence//1.6e-111:587:94//Hs.108112:AF070640
 R-NT2RM4000024//ESTs//2.9e-98:523:94//Hs.26641:R59312
 R-NT2RM4000027
 R-NT2RM4000030//ESTs//1.6e-96:482:96//Hs.90625:T03663
 R-NT2RM4000046//ESTs//1.6e-91:461:97//Hs.151237:AI186169
 R-NT2RM4000061//ESTs//4.3e-31:167:97//Hs.110821:Z78379
 R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds//4.0e-113:549:97//Hs.95665:AF070639
 R-NT2RM4000086//EST//2.7e-17:212:76//Hs.137041:AA877817

R-NT2RM4000104//ESTs//3.0e-85:452:94//Hs.101750:H19708
 R-NT2RM4000139//EST//3.3e-05:156:66//Hs.133228:AI052312
 R-NT2RM4000155//ESTs, Moderately similar to THREONYL-TRNA SYNTHETASE, CY
 TOPLASMIC [H.sapiens]//1.9e-99:536:92//Hs.127810:AI246301
 R-NT2RM4000156//EST//0.89:169:62//Hs.162967:AA676397
 R-NT2RM4000167//ESTs//1.0:214:61//Hs.119370:W52962
 R-NT2RM4000169//ESTs//5.4e-82:440:93//Hs.159379:AI382160
 R-NT2RM4000191//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//4.1e-99
 :542:93//Hs.6366:AA614113
 R-NT2RM4000197//ESTs//5.4e-113:567:96//Hs.22975:AA156723
 R-NT2RM4000199//ESTs//0.020:95:65//Hs.146203:AI254528
 R-NT2RM4000200//ESTs//1.4e-100:488:97//Hs.126538:AA931876
 R-NT2RM4000202//Small inducible cytokine A5 (RANTES)//4.3e-37:330:77//Hs
 .155464:AF088219
 R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.
 7e-103:546:94//Hs.111138:AB018255
 R-NT2RM4000215
 R-NT2RM4000229//ESTs//7.1e-92:457:97//Hs.162074:AA477760
 R-NT2RM4000233//Fms-related tyrosine kinase 1 (vascular endothelial grow
 th factor/vascular permeability factor receptor)//0.00020:174:66//Hs.235
 :X51602
 R-NT2RM4000244//ESTs//6.6e-61:320:95//Hs.108646:AA613031
 R-NT2RM4000251//Homo sapiens mRNA for TRIP6 (thyroid receptor interactin
 g protein)//0.63:219:62//Hs.119498:AF000974
 R-NT2RM4000265//ESTs//8.8e-105:489:99//Hs.131001:AI378742
 R-NT2RM4000290//ESTs//4.0e-87:435:96//Hs.162592:AA594128
 R-NT2RM4000324//ESTs//2.2e-80:413:96//Hs.12313:R43673
 R-NT2RM4000327//Small inducible cytokine A5 (RANTES)//3.2e-45:286:87//Hs
 .155464:AF088219

R-NT2RM4000344//Clathrin, light polypeptide (Lcb)//8.6e-60:452:84//Hs.73
919:X81637

R-NT2RM4000349//ESTs, Weakly similar to KIAA0005 [H.sapiens]//2.5e-117:5
79:96//Hs.5216:AA534881

R-NT2RM4000354//ESTs//2.1e-85:406:99//Hs.126774:AI224479

R-NT2RM4000356//ESTs//7.9e-109:548:96//Hs.44278:AA418063

R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//2.8
e-113:577:95//Hs.8152:AB014542

R-NT2RM4000368//ESTs//2.2e-61:310:97//Hs.143611:M78140

R-NT2RM4000386//ESTs, Weakly similar to tenascin-like protein [D.melanog
aster]//1.0e-93:521:92//Hs.41793:AA775879

R-NT2RM4000395//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN
SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-99:524:
94//Hs.5249:U55977

R-NT2RM4000414//EST//2.7e-06:196:64//Hs.136648:AA688285

R-NT2RM4000421//ESTs, Weakly similar to No definition line found [C.eleg
ans]//5.4e-75:470:90//Hs.69235:AA192359

R-NT2RM4000425//H.sapiens mRNA for MACH-alpha-2 protein//0.17:112:69//Hs
.19949:X98173

R-NT2RM4000433//ESTs//2.7e-100:479:98//Hs.24553:AI150687

R-NT2RM4000457//ESTs//5.1e-107:535:95//Hs.7579:AA775865

R-NT2RM4000471//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Sacc
haromyces cerevisiae]//6.0e-99:492:96//Hs.21090:AA418587

R-NT2RM4000486//ESTs, Moderately similar to unnamed protein product [H.s
apiens]//2.2e-102:493:97//Hs.111279:W84558

R-NT2RM4000496

R-NT2RM4000511//EST//5.1e-43:326:81//Hs.157658:AI358465

R-NT2RM4000514//ESTs//1.7e-112:552:96//Hs.6686:AA205496

R-NT2RM4000515//ESTs, Weakly similar to HYPOTHETICAL 85.0 KD PROTEIN IN

CPA2-ATP2 INTERGENIC REGION [*Saccharomyces cerevisiae*]//1.4e-60:343:93//
Hs.16014:AA074879
R-NT2RM4000520//ESTs//2.7e-55:266:100//Hs.99838:AA204731
R-NT2RM4000531//ESTs//2.0e-88:502:91//Hs.13110:T67461
R-NT2RM4000532//ESTs//0.47:290:58//Hs.148753:T91777
R-NT2RM4000534//EST//0.00025:303:60//Hs.162809:AA632198
R-NT2RM4000585//EST//0.28:63:77//Hs.150024:AI291981
R-NT2RM4000590//ESTs//5.8e-65:320:98//Hs.116017:AA613437
R-NT2RM4000595//Homo sapiens KIAA0431 mRNA, partial cds//0.99:189:64//Hs
.16349:AB007891
R-NT2RM4000603//ESTs//4.6e-68:356:96//Hs.48855:AA134589
R-NT2RM4000611//ESTs//1.5e-89:431:97//Hs.26117:W16697
R-NT2RM4000616//ESTs, Highly similar to ACETYL-COENZYME A SYNTHETASE [*E
scherichia coli*]//1.4e-102:519:96//Hs.14779:N64822
R-NT2RM4000674//ESTs//5.1e-78:398:97//Hs.8268:N70144
R-NT2RM4000689//ESTs, Weakly similar to T01G9.4 [*C.elegans*]//2.9e-115:55
0:98//Hs.11820:AA205531
R-NT2RM4000698//ESTs//2.0e-17:130:87//Hs.86420:AA927510
R-NT2RM4000700
R-NT2RM4000712//EST//0.99:103:65//Hs.114039:AA701128
R-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PR
ECURSOR [*Mus musculus*]//2.2e-103:519:95//Hs.6823:W18181
R-NT2RM4000733//ESTs//8.7e-88:429:98//Hs.72185:AA465311
R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.6
e-105:536:95//Hs.137168:AB018303
R-NT2RM4000741//ESTs//0.99:266:58//Hs.142718:AA034046
R-NT2RM4000751//ESTs//1.6e-20:351:66//Hs.43145:AA776988
R-NT2RM4000764
R-NT2RM4000778//EST//0.066:254:61//Hs.148232:AA904174

R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//9.
3e-106:546:94//Hs.18586:AB007920

R-NT2RM4000787//Human melanoma antigen recognized by T-cells (MART-1) mR
NA//6.5e-40:424:73//Hs.154069:U06452

R-NT2RM4000790//EST//9.0e-48:259:94//Hs.159694:AI417008

R-NT2RM4000795//Human mRNA for KIAA0067 gene, complete cds//1.0:203:63//
Hs.20991:D31891

R-NT2RM4000796//ESTs//7.0e-106:506:98//Hs.43559:AI003520

R-NT2RM4000798//Human polymorphic epithelial mucin core protein mRNA, 3'
end//2.5e-28:158:96//Hs.118249:M21868

R-NT2RM4000813

R-NT2RM4000820//ESTs, Weakly similar to hypothetical protein [H.sapiens]
//1.3e-109:539:97//Hs.99636:AI219667

R-NT2RM4000833//ESTs, Moderately similar to ZX863.3 [C.elegans]//4.0e-11
2:448:99//Hs.20223:AA482031

R-NT2RM4000848//ESTs//8.1e-97:476:97//Hs.16036:AA883864

R-NT2RM4000852//ESTs//6.4e-94:467:97//Hs.11556:AI309597

R-NT2RM4000855//ESTs//2.9e-95:544:90//Hs.106525:AI283343

R-NT2RM4000887

R-NT2RM4000895//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNIN
G ENTRY !!!! [H.sapiens]//9.3e-96:450:99//Hs.142076:AA604514

R-NT2RM4000950//ESTs//2.6e-91:438:98//Hs.43827:AA455262

R-NT2RM4000971//EST//2.9e-96:461:99//Hs.139709:AA227887

R-NT2RM4000979//EST//1.6e-67:329:98//Hs.96927:AA349647

R-NT2RM4000996//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapien
s]//1.7e-82:414:96//Hs.115342:AA650126

R-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//3.8
e-114:545:97//Hs.19542:AB018272

R-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//2.5

e-114:556:97//Hs.15711:AB014539
R-NT2RM4001032//ESTs//7.8e-17:132:84//Hs.138720:N53352
R-NT2RM4001047//Homo sapiens UKLF mRNA for ubiquitous Kruppel like facto
r, complete cds//0.42:133:67//Hs.32170:AB015132
R-NT2RM4001054//ESTs//1.7e-84:404:99//Hs.116407:AA815300
R-NT2RM4001084//ESTs//3.4e-91:439:99//Hs.103177:W72798
R-NT2RM4001092//ESTs//1.4e-86:517:89//Hs.132969:Z78324
R-NT2RM4001116//EST//5.2e-57:275:100//Hs.131115:AI016962
R-NT2RM4001140//ESTs//5.5e-96:461:98//Hs.86965:AA252276
R-NT2RM4001151//ESTs//0.40:263:58//Hs.113189:R08311
R-NT2RM4001155//ESTs//8.3e-105:544:94//Hs.29647:W60848
R-NT2RM4001160//EST//7.6e-25:380:68//Hs.147405:AI209085
R-NT2RM4001187//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens]//9.2e-43:273:91//Hs.109005:N31174
R-NT2RM4001191//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//3
.1e-32:274:70//Hs.2379:U23942
R-NT2RM4001200//ESTs//4.5e-102:494:97//Hs.31844:N32849
R-NT2RM4001203
R-NT2RM4001204//ESTs//9.8e-88:468:93//Hs.4990:T65307
R-NT2RM4001217//ESTs//1.2e-75:396:94//Hs.25042:R72410
R-NT2RM4001256//ESTs//1.0:157:62//Hs.65377:AA994677
R-NT2RM4001258//ESTs//9.6e-41:260:88//Hs.27633:N76184
R-NT2RM4001309
R-NT2RM4001313//EST//0.0022:150:66//Hs.161573:W84857
R-NT2RM4001316//ESTs//3.5e-26:139:99//Hs.23100:AI128899
R-NT2RM4001320//ESTs//1.6e-97:308:99//Hs.112024:AI042352
R-NT2RM4001340//ESTs, Highly similar to UTR4 PROTEIN [Saccharomyces cer
evisiae]//1.9e-105:522:97//Hs.18442:AI129307
R-NT2RM4001344//EST//1.1e-90:436:99//Hs.95900:AA160339

R-NT2RM4001347//EST//0.17:186:61//Hs.16751:T90476
R-NT2RM4001371//EST//0.0069:270:62//Hs.99239:AA450211
R-NT2RM4001382
R-NT2RM4001384//ESTs//9.6e-91:445:98//Hs.55000:AA805507
R-NT2RM4001410//EST//0.13:50:82//Hs.157675:AI358790
R-NT2RM4001411//ESTs, Weakly similar to lymphocyte specific adaptor protein Lnk [M.musculus] //4.0e-102:539:94//Hs.15744:AI055859
R-NT2RM4001412
R-NT2RM4001414//ESTs//6.5e-35:226:88//Hs.121727:AA775895
R-NT2RM4001437//EST//0.017:169:67//Hs.13207:F10054
R-NT2RM4001444//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [S.cerevisiae] //7.4e-108:544:94//Hs.7558:AA526812
R-NT2RM4001454//ESTs//4.7e-108:517:98//Hs.32295:N32277
R-NT2RM4001455//EST//9.6e-81:395:97//Hs.127978:AA969739
R-NT2RM4001483//Human mRNA for KIAA0033 gene, partial cds//1.8e-58:324:85//Hs.22271:D26067
R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//7.0e-104:547:93//Hs.153121:AB014585
R-NT2RM4001519//Histatin 1//0.53:340:59//Hs.119101:M26664
R-NT2RM4001522//Small inducible cytokine A5 (RANTES)//8.4e-55:306:80//Hs.155464:AF088219
R-NT2RM4001557//ESTs, Weakly similar to F11A10.4 [C.elegans] //6.1e-21:165:83//Hs.29134:H43072
R-NT2RM4001565//ESTs//2.0e-103:483:99//Hs.121273:AA758027
R-NT2RM4001566//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//2.7e-43:446:72//Hs.4943:Z

98046

R-NT2RM4001569//ESTs//3.6e-37:186:100//Hs.86959:AA888009

R-NT2RM4001582//ESTs//1.2e-96:459:98//Hs.114432:N52946

R-NT2RM4001592

R-NT2RM4001594//ESTs//1.6e-83:404:98//Hs.134740:AA282171

R-NT2RM4001597//ESTs//6.9e-111:558:96//Hs.11408:AI358871

R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//2.1e-112:565:95//Hs.23255:AB018334

R-NT2RM4001611//EST//5.9e-74:353:99//Hs.125318:AA837079

R-NT2RM4001629//ESTs//6.1e-95:453:99//Hs.115765:AA485957

R-NT2RM4001650

R-NT2RM4001662

R-NT2RM4001666//Homo sapiens mRNA for KIAA0469 protein, complete cds//3.6e-36:230:70//Hs.7764:AB007938

R-NT2RM4001682//EST//4.3e-68:393:90//Hs.157362:AI367496

R-NT2RM4001710//ESTs//4.3e-48:235:99//Hs.7299:AA203440

R-NT2RM4001714//ESTs//0.0014:568:58//Hs.50458:AA868686

R-NT2RM4001715//ESTs//6.5e-104:487:99//Hs.153581:AA630465

R-NT2RM4001731//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-108:563:94//Hs.18510:AA522887

R-NT2RM4001741//T3 receptor-associating cofactor-1 [human, fetal liver, mRNA, 2930 nt]//0.083:124:68//Hs.120980:S83390

R-NT2RM4001746//ESTs//6.1e-90:420:100//Hs.139003:AA948200

R-NT2RM4001754//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//5.4e-59:504:78//Hs.139107:K00629

R-NT2RM4001758//ESTs//8.9e-27:140:100//Hs.149973:AI290740

R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//6.4e-24:236:80//Hs.39871:AB018270

R-NT2RM4001783//ESTs//9.9e-30:156:99//Hs.115260:AA314956

R-NT2RM4001810//ESTs//1.3e-65:346:95//Hs.131915:W22567
 R-NT2RM4001813//ESTs//5.7e-102:473:100//Hs.87574:AI089920
 R-NT2RM4001823//ESTs//3.8e-62:324:95//Hs.124109:AA888839
 R-NT2RM4001828//ESTs//1.3e-119:563:98//Hs.102397:AA706551
 R-NT2RM4001836//ESTs//5.5e-16:92:100//Hs.26996:AA551070
 R-NT2RM4001841//ESTs//1.3e-99:540:94//Hs.42322:AA082619
 R-NT2RM4001842//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING EN
 TRY !!!! [H.sapiens]//4.1e-10:274:62//Hs.161959:AA493652
 R-NT2RM4001856//ESTs, Weakly similar to contains similarity to ATP/GTP-b
 inding site motif [C.elegans]//3.0e-43:292:86//Hs.14202:N46000
 R-NT2RM4001858//ESTs//6.2e-104:495:98//Hs.118686:AA682280
 R-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC//1.
 6e-120:592:97//Hs.61628:Y17711
 R-NT2RM4001876//ESTs//2.9e-98:532:92//Hs.100734:AA158252
 R-NT2RM4001880//ESTs//2.5e-29:224:86//Hs.6193:AA045149
 R-NT2RM4001905//ESTs//5.6e-109:565:95//Hs.9536:AA114178
 R-NT2RM4001922//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//1.2e-105:535:95//Hs.30991:AA994438
 R-NT2RM4001930//ESTs//4.1e-84:425:96//Hs.80042:N63143
 R-NT2RM4001938//EST//0.00040:241:60//Hs.147235:AI205893
 R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//2.0e-1
 10:556:95//Hs.118631:AF098162
 R-NT2RM4001953//ESTs//5.3e-65:338:96//Hs.33718:AA453268
 R-NT2RM4001965//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]
 //5.7e-62:326:95//Hs.3385:N25917
 R-NT2RM4001969//ESTs, Weakly similar to IP63 protein [R.norvegicus]//1.9
 e-21:121:98//Hs.8772:AA521097
 R-NT2RM4001979//ESTs//1.4e-96:465:98//Hs.157103:W60265
 R-NT2RM4001984

R-NT2RM4001987
 R-NT2RM4002013//EST//2.2e-14:110:90//Hs.160835:AI345528
 R-NT2RM4002018
 R-NT2RM4002034//Human mRNA for KIAA0118 gene, partial cds//9.4e-46:293:8
 7//Hs.154326:D42087
 R-NT2RM4002044//ESTs//2.8e-107:537:96//Hs.24078:W44435
 R-NT2RM4002054//ESTs//3.7e-88:482:94//Hs.4243:T78226
 R-NT2RM4002062//ESTs//1.4e-55:377:85//Hs.152592:AA587887
 R-NT2RM4002063//Calcium modulating ligand//1.8e-43:385:78//Hs.13572:AF06
 8179
 R-NT2RM4002066//Homo sapiens OPA-containing protein mRNA, complete cds//
 5.5e-42:554:68//Hs.85313:AF071309
 R-NT2RM4002067//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//
 2.3e-43:468:73//Hs.139107:K00629
 R-NT2RM4002073//ESTs, Weakly similar to very-long-chain acyl-CoA synthet
 ase [H.sapiens]//6.8e-57:290:96//Hs.109274:AA193416
 R-NT2RM4002075//ESTs//0.078:267:61//Hs.163563:AA641655
 R-NT2RM4002093//ESTs//1.2e-64:316:99//Hs.34956:AI052528
 R-NT2RM4002109//ESTs//1.0:95:69//Hs.25897:W65409
 R-NT2RM4002128//Homo sapiens mRNA for BCL9 gene//0.51:258:60//Hs.122607:
 Y13620
 R-NT2RM4002140//ESTs//5.5e-46:187:94//Hs.8737:W22712
 R-NT2RM4002145//ESTs//4.6e-70:374:94//Hs.141082:H18987
 R-NT2RM4002146//ESTs//1.9e-93:439:99//Hs.119295:AA442090
 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.5e-111
 :560:96//Hs.22464:AF084535
 R-NT2RM4002174//Homo sapiens LIM protein mRNA, complete cds//3.2e-46:552
 :72//Hs.154103:AF061258
 R-NT2RM4002189//ESTs//9.6e-75:352:100//Hs.98350:H15400

R-NT2RM4002194//EST//0.22:68:72//Hs.149104:AI244343
 R-NT2RM4002205//EST//0.00028:103:72//Hs.130032:AA897678
 R-NT2RM4002213//ESTs//3.3e-15:160:78//Hs.63304:W22079
 R-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUN
 D [*Drosophila melanogaster*]//5.1e-112:569:95//Hs.23900:U82984
 R-NT2RM4002251//ESTs, Weakly similar to similar to alpha-1,3-mannosyl-gl
 ycoprotein beta-1, 2-N-acetylglucosaminyltransferase [*C.elegans*]//1.1e-1
 00:544:93//Hs.27567:W72190
 R-NT2RM4002256//Small inducible cytokine A5 (RANTES)//1.0e-44:341:81//Hs
 .155464:AF088219
 R-NT2RM4002266//ESTs//2.6e-100:539:93//Hs.57976:AA535864
 R-NT2RM4002278//ESTs//1.8e-112:569:95//Hs.87281:AA128263
 R-NT2RM4002281//ESTs//4.9e-20:187:80//Hs.141203:H52638
 R-NT2RM4002287//ESTs//7.9e-84:388:94//Hs.33977:N52461
 R-NT2RM4002294
 R-NT2RM4002301//ESTs//4.5e-111:556:96//Hs.85916:AA194164
 R-NT2RM4002323//ESTs//4.5e-102:498:97//Hs.85782:AA191498
 R-NT2RM4002339//ESTs//5.0e-59:283:100//Hs.125048:AA682913
 R-NT2RM4002344//V-akt murine thymoma viral oncogene homolog 2//0.29:153:
 66//Hs.155129:M77198
 R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//2.
 8e-122:593:97//Hs.26163:AB014549
 R-NT2RM4002374//ESTs//3.3e-40:505:70//Hs.95115:AA206594
 R-NT2RM4002383//ESTs//2.7e-93:455:97//Hs.134278:AA648884
 R-NT2RM4002390//ESTs//3.3e-93:481:95//Hs.48764:AA613328
 R-NT2RM4002409//ESTs, Weakly similar to coded for by *C. elegans* cDNA yk5
 2e10.5 [*C.elegans*]//1.3e-97:473:98//Hs.16464:W19606
 R-NT2RM4002438//ESTs//0.74:162:61//Hs.65377:AA994677
 R-NT2RM4002446

R-NT2RM4002452//EST//1.0:164:60//Hs.116619:AA668142
R-NT2RM4002457
R-NT2RM4002460//ESTs//3.0e-74:385:96//Hs.6933:R07890
R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete
cds//1.6e-103:507:97//Hs.8765:AF083255
R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//2.
3e-32:172:98//Hs.94781:AB014591
R-NT2RM4002493//ESTs//6.4e-73:366:97//Hs.157114:T58884
R-NT2RM4002499//ESTs//3.5e-61:307:97//Hs.117737:AI088029
R-NT2RM4002504//ESTs//2.1e-55:306:94//Hs.10949:AA464464
R-NT2RM4002527//ESTs, Weakly similar to peroxisome targeting signal 2 re
ceptor [H.sapiens]//1.4e-73:360:91//Hs.31030:H50467
R-NT2RM4002532//ESTs//1.3e-21:191:78//Hs.146811:AA410788
R-NT2RM4002534//ESTs//1.8e-99:512:95//Hs.13526:AI417057
R-NT2RM4002567//ESTs//7.6e-41:272:87//Hs.7114:R24312
R-NT2RM4002571//ESTs, Highly similar to POLYPEPTIDE N-ACETYLGALACTOSAMI
NYLTRANSFERASE [Bos taurus]//2.3e-89:435:97//Hs.15830:AA165698
R-NT2RM4002593//ESTs//2.3e-109:552:96//Hs.17424:AA190569
R-NT2RM4002623//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermu
s aquaticus thermophilus]//9.6e-28:194:87//Hs.59346:AI126802
R-NT2RP2000001//ESTs//2.6e-80:386:99//Hs.105061:N45096
R-NT2RP2000006//Thromboxane A2 receptor//7.2e-37:253:84//Hs.89887:D38081
R-NT2RP2000008//Zinc finger protein 37a (K0X 21)//5.2e-25:366:67//Hs.544
88:X69115
R-NT2RP2000027//ESTs//9.5e-74:377:96//Hs.96557:AA286713
R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.7
e-42:223:96//Hs.8309:AB018290
R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homol
og (TID1) mRNA, complete cds//4.3e-64:309:98//Hs.6216:AF061749

R-NT2RP2000054//EST//1.2e-71:375:96//Hs.98835:AA435798
R-NT2RP2000056//EST//2.8e-28:342:69//Hs.135526:AI094910
R-NT2RP2000067//ESTs, Weakly similar to tenascin-like protein [D.melanogaster] //2.3e-35:199:94//Hs.41793:AA775879
R-NT2RP2000070//ESTs, Weakly similar to proto-cadherin 3 [R.norvegicus] //1.4e-78:383:98//Hs.58254:W72881
R-NT2RP2000076//EST//0.0014:227:63//Hs.136761:AA738097
R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//1.1e-78:379:97//Hs.54877:AF050078
R-NT2RP2000079//Homo sapiens RET finger protein-like 1 antisense transcript, partial//2.9e-21:232:75//Hs.102576:AJ010230
R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.8e-75:378:96//Hs.22926:AB018338
R-NT2RP2000091//Carcinoembryonic antigen gene family member 6//0.030:236:63//Hs.41:D90064
R-NT2RP2000097//ESTs//4.2e-15:92:97//Hs.7432:AA281757
R-NT2RP2000098//ESTs//9.0e-53:279:94//Hs.87807:AA813827
R-NT2RP2000108//EST//1.5e-75:378:96//Hs.162105:AA524419
R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//5.8e-76:386:95//Hs.17706:AB018356
R-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [C.elegans] //1.9e-19:153:86//Hs.5268:W22670
R-NT2RP2000126//ESTs//1.0e-55:293:95//Hs.14570:AI422099
R-NT2RP2000133//ESTs//0.24:354:59//Hs.157564:AI356513
R-NT2RP2000147//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus] //3.0e-89:457:95//Hs.3832:AI208601
R-NT2RP2000153//EST//0.0039:93:68//Hs.140386:AA773548
R-NT2RP2000157//ESTs//1.1e-53:322:91//Hs.6877:AA040820
R-NT2RP2000161//ESTs//1.6e-99:492:97//Hs.21738:AI188190

R-NT2RP2000175//ESTs//1.4e-98:489:96//Hs.4849:AI143741
R-NT2RP2000183//ESTs//9.0e-72:358:96//Hs.4856:N51373
R-NT2RP2000195//ESTs//3.9e-92:439:98//Hs.145091:AA814510
R-NT2RP2000205//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//1.4e-80:415:95//Hs.11807:T86897
R-NT2RP2000224//RNA polymerase II, polypeptide C (33kD)//1.1e-57:306:94/
/Hs.79402:AC004382
R-NT2RP2000232
R-NT2RP2000233//ESTs//1.1e-08:63:96//Hs.124861:AI090683
R-NT2RP2000239//ESTs//5.3e-87:427:96//Hs.86211:AA604379
R-NT2RP2000248//ESTs, Weakly similar to O-linked GlcNAc transferase [H.s
apiens]//1.3e-95:454:99//Hs.102057:AA649005
R-NT2RP2000257//ESTs//5.1e-58:282:99//Hs.122565:AI126840
R-NT2RP2000258//EST//1.0:67:68//Hs.61812:AA035649
R-NT2RP2000270//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOM
OLOG [Homo sapiens]//8.4e-59:298:96//Hs.16085:AI261382
R-NT2RP2000274//ESTs//7.5e-61:296:98//Hs.86081:AA196635
R-NT2RP2000288//ESTs//1.8e-56:305:93//Hs.7579:AA775865
R-NT2RP2000289
R-NT2RP2000297//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//9.
8e-106:494:99//Hs.102951:AA574249
R-NT2RP2000298//ESTs//2.1e-62:256:90//Hs.8737:W22712
R-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA
, complete cds//2.8e-39:222:93//Hs.58218:U82381
R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434014 on chromosome
1q32.3.-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehy
drogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF
6 gene for Interferon Regulatory Factor 6 and two unknown genes. Contain
s ESTs and GSSs//2.9e-71:342:98//Hs.87684:AL022398

R-NT2RP2000329//ESTs, Highly similar to GTP:AMP PHOSPHOTRANSFERASE MITO
CHONDRIAL [Bos taurus]//3.4e-69:371:94//Hs.43436:N32441

R-NT2RP2000337//ESTs//5.2e-79:411:95//Hs.101799:AI276062

R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA,
complete cds//1.1e-47:262:94//Hs.76556:U83981

R-NT2RP2000369//ESTs//4.3e-102:531:94//Hs.15855:H98103

R-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//8.4e-09
:93:83//Hs.808:L28010

R-NT2RP2000420//ESTs//8.2e-24:142:94//Hs.144893:AI222324

R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA,
complete cds//4.2e-20:140:90//Hs.5819:AF102265

R-NT2RP2000438//ESTs, Weakly similar to misato [D.melanogaster]//1.3e-65
:362:93//Hs.22197:AI151425

R-NT2RP2000448//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN
PAP1-MRPL13 INTERGENIC REGION [Saccharomyces cerevisiae]//3.6e-75:435:9
2//Hs.21938:W81045

R-NT2RP2000459//ESTs//2.8e-95:527:93//Hs.103422:AI352013

R-NT2RP2000498//ESTs//2.3e-17:119:79//Hs.161714:AA229078

R-NT2RP2000503//ESTs//5.2e-91:438:98//Hs.152335:AI290215

R-NT2RP2000510//Homo sapiens KIAA0436 mRNA, partial cds//0.13:455:58//Hs
.110:AB007896

R-NT2RP2000516//ESTs//9.9e-63:376:89//Hs.47546:AA181348

R-NT2RP2000523

R-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.5
e-30:167:97//Hs.14409:AB011144

R-NT2RP2000617//ESTs//9.5e-103:493:98//Hs.9412:W72446

R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//8.1
e-66:335:96//Hs.7314:AB014514

R-NT2RP2000644//ESTs//1.1e-18:372:63//Hs.82419:AA789222

R-NT2RP2000656//ESTs//1.0e-10:128:80//Hs.23977:AA115275
 R-NT2RP2000658//ESTs//0.31:278:59//Hs.15661:W02396
 R-NT2RP2000668//ESTs//8.2e-40:255:88//Hs.113310:R16767
 R-NT2RP2000678//ESTs//2.6e-53:271:96//Hs.23790:N99347
 R-NT2RP2000710//ESTs//0.49:190:63//Hs.145521:AI261368
 R-NT2RP2000715//EST//1.2e-87:418:99//Hs.139425:AA429279
 R-NT2RP2000731//EST//5.3e-65:322:97//Hs.136754:AA713965
 R-NT2RP2000758//ESTs//1.0:187:61//Hs.10545:N62642
 R-NT2RP2000764//ESTs//5.8e-84:485:91//Hs.121816:AA775419
 R-NT2RP2000809
 R-NT2RP2000812//ESTs//1.2e-45:231:97//Hs.121028:AA902745
 R-NT2RP2000814//ESTs//6.3e-87:433:97//Hs.145479:AA969404
 R-NT2RP2000816//ESTs//0.45:100:69//Hs.147529:AA458918
 R-NT2RP2000819
 R-NT2RP2000841//ESTs//1.9e-73:351:99//Hs.116385:AI224511
 R-NT2RP2000842//TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6 PRECURSOR/
 /4.6e-10:247:66//Hs.29352:M31165
 R-NT2RP2000845//ESTs//2.8e-91:443:97//Hs.66810:AI206552
 R-NT2RP2000863//ESTs//4.3e-49:310:88//Hs.104336:W07345
 R-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//2.
 8e-43:277:89//Hs.3615:AB018284
 R-NT2RP2000892//ESTs//2.8e-50:258:96//Hs.119238:AA476267
 R-NT2RP2000931//MATRIN 3//7.2e-57:290:96//Hs.78825:AB018266
 R-NT2RP2000938//ESTs, Highly similar to HYPOTHETICAL 6.3 KD PROTEIN ZK6
 52.2 IN CHROMOSOME III [Caenorhabditis elegans]//3.9e-37:199:95//Hs.1123
 18:AA186477
 R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//9.
 8e-98:494:96//Hs.19822:AB018298
 R-NT2RP2000965//EST//0.22:223:60//Hs.105703:AA487021

R-NT2RP2000970//EST//8.7e-06:255:62//Hs.149202:AI246481
 R-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN
 SIS2-MTD1 INTERGENIC REGION [S.cerevisiae]//7.8e-92:468:95//Hs.12124:AA5
 22537
 R-NT2RP2000987//ESTs//4.5e-78:419:93//Hs.21968:H97521
 R-NT2RP2001036//EST//2.0e-33:148:82//Hs.163196:AA767643
 R-NT2RP2001044//ESTs//5.6e-95:493:95//Hs.21958:AA453660
 R-NT2RP2001065//ESTs//3.6e-28:153:96//Hs.119314:AA432108
 R-NT2RP2001070//EST//0.30:94:67//Hs.94289:N73665
 R-NT2RP2001094//EST//0.75:101:69//Hs.161040:H82068
 R-NT2RP2001119
 R-NT2RP2001127//Homo sapiens mRNA for HRIHFB2060, partial cds//1.5e-56:3
 04:94//Hs.146282:AB015348
 R-NT2RP2001137
 R-NT2RP2001149//ESTs//5.1e-66:324:97//Hs.27475:AA704512
 R-NT2RP2001168//ESTs//2.0e-98:539:92//Hs.77870:AI188145
 R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//1.
 5e-96:490:96//Hs.26247:AB007949
 R-NT2RP2001174//ESTs//2.2e-63:354:93//Hs.24266:R28287
 R-NT2RP2001196//ESTs//1.4e-83:463:93//Hs.124304:AA825510
 R-NT2RP2001218//ESTs//1.4e-100:506:96//Hs.93391:AI188402
 R-NT2RP2001226//EST//0.0074:154:63//Hs.128612:AA909358
 R-NT2RP2001233//ESTs, Highly similar to ZINC FINGER PROTEIN ZFP-36 [Hom
 o sapiens]//3.7e-65:538:80//Hs.44014:AA632298
 R-NT2RP2001245//ESTs//5.2e-90:447:97//Hs.14559:H92996
 R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//1.5
 e-112:544:97//Hs.7531:AB018353
 R-NT2RP2001277//ESTs//2.0e-81:387:99//Hs.13751:AA908229
 R-NT2RP2001290//ESTs//2.4e-91:501:92//Hs.12600:AA044775

R-NT2RP2001295//ESTs//1.4e-70:337:99//Hs.123854:AA412665
 R-NT2RP2001312//ESTs//4.6e-53:276:95//Hs.7961:AA401205
 R-NT2RP2001327//ESTs, Moderately similar to tumor necrosis factor-alpha-induced protein B12 [H.sapiens]//2.3e-43:238:93//Hs.106632:N25679
 R-NT2RP2001328//ESTs//5.1e-99:499:96//Hs.34868:AI341138
 R-NT2RP2001347//ESTs//6.7e-05:100:77//Hs.9536:AA114178
 R-NT2RP2001378//ESTs//4.2e-83:456:93//Hs.10554:N50028
 R-NT2RP2001381//ESTs//1.1e-26:148:96//Hs.161859:AA444038
 R-NT2RP2001392//ESTs, Weakly similar to MITOCHONDRIAL LON PROTEASE HOMOLOG PRECURSOR [H.sapiens]//3.9e-74:411:93//Hs.47305:AA195153
 R-NT2RP2001394//ESTs//9.5e-54:305:93//Hs.70256:R07875
 R-NT2RP2001397//ESTs, Highly similar to G2/MITOTIC-SPECIFIC CYCLIN B2 [Mesocricetus auratus]//5.2e-97:469:97//Hs.20483:AA522505
 R-NT2RP2001420//ESTs//1.6e-49:228:88//Hs.163602:N32030
 R-NT2RP2001423//ESTs//2.0e-37:190:99//Hs.101565:R35431
 R-NT2RP2001427//EST//1.7e-11:107:84//Hs.148584:AI201728
 R-NT2RP2001436//ESTs, Weakly similar to F02D8.3 [C.elegans]//2.9e-114:558:97//Hs.7627:AI341556
 R-NT2RP2001440//EST//0.17:192:58//Hs.133442:AI061394
 R-NT2RP2001445//ESTs//1.1e-43:215:100//Hs.145497:AA501453
 R-NT2RP2001449//ESTs//4.1e-08:234:61//Hs.134067:AI076765
 R-NT2RP2001450//ESTs//9.5e-65:356:94//Hs.61829:AI079539
 R-NT2RP2001467//Small inducible cytokine A5 (RANTES)//1.2e-34:255:83//Hs.155464:AF088219
 R-NT2RP2001506//ESTs//2.9e-23:170:88//Hs.7147:T23513
 R-NT2RP2001511//ESTs//2.0e-08:59:100//Hs.57660:AA251146
 R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARAL AR1//6.7e-106:545:95//Hs.4277:Y14494
 R-NT2RP2001526//ESTs//3.7e-23:295:72//Hs.8514:AF039240

R-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//1.9e-15:99:95//Hs.99742:AF035586

R-NT2RP2001560//ESTs//2.2e-58:310:94//Hs.87454:AA732816

R-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA 0488//2.0e-76:387:96//Hs.67619:AB007957

R-NT2RP2001576//Human mRNA for KIAA0105 gene, complete cds//0.17:193:60//Hs.119:D14661

R-NT2RP2001581//ESTs//5.1e-08:107:78//Hs.157114:T58884

R-NT2RP2001597//EST//5.2e-22:151:88//Hs.158613:AI369995

R-NT2RP2001601//ESTs//1.5e-78:373:99//Hs.137558:AI393767

R-NT2RP2001613

R-NT2RP2001628//EST//0.99:195:60//Hs.144238:W52294

R-NT2RP2001663//ESTs//4.0e-37:282:84//Hs.12319:W56090

R-NT2RP2001677//ESTs//1.4e-44:232:96//Hs.159387:AI370845

R-NT2RP2001678//ESTs//0.91:124:60//Hs.10593:AI201336

R-NT2RP2001699//EST//0.0033:230:61//Hs.146544:AI125323

R-NT2RP2001720//ESTs//1.8e-52:255:99//Hs.101064:AA290579

R-NT2RP2001721//ESTs//7.0e-101:479:99//Hs.129750:AA987538

R-NT2RP2001740//ESTs//3.3e-76:379:96//Hs.144704:AI147100

R-NT2RP2001748//ESTs//1.4e-44:352:81//Hs.142259:AA828840

R-NT2RP2001762//Homo sapiens exonuclease 1a (EXO1a) mRNA, complete cds//2.1e-105:519:96//Hs.47504:AF091754

R-NT2RP2001813//ESTs//6.3e-78:406:95//Hs.21902:R44037

R-NT2RP2001861

R-NT2RP2001869//EST//2.8e-21:173:82//Hs.130321:AI002941

R-NT2RP2001876//ESTs//6.1e-102:526:95//Hs.4944:AA533088

R-NT2RP2001883//ESTs, Weakly similar to No definition line found [C.elegans]//6.9e-110:556:95//Hs.23159:AA113849

R-NT2RP2001900//ESTs//6.9e-85:442:95//Hs.154220:AA171724

R-NT2RP2001907//ESTs//2.1e-82:432:94//Hs.142257:AA188423
 R-NT2RP2001926//EST//2.3e-24:299:71//Hs.135085:AI097268
 R-NT2RP2001936//ESTs//1.1e-45:265:92//Hs.112482:T66087
 R-NT2RP2001943//EST//1.4e-05:246:61//Hs.144096:AI032180
 R-NT2RP2001946//ESTs//3.6e-87:410:99//Hs.20242:W72594
 R-NT2RP2001947//ESTs//1.9e-55:338:88//Hs.58582:T72588
 R-NT2RP2001969
 R-NT2RP2001976//ESTs//1.2e-98:499:95//Hs.121028:AA902745
 R-NT2RP2001985//ESTs, Weakly similar to GTPASE-ACTIVATING PROTEIN SPA-1
 [M.musculus] //8.3e-15:118:89//Hs.18760:AA166678
 R-NT2RP2002025//ESTs//2.1e-82:393:98//Hs.159488:AI378233
 R-NT2RP2002032//ESTs//4.4e-98:531:91//Hs.93836:AA813332
 R-NT2RP2002033//ESTs//3.5e-43:229:96//Hs.30563:AA102627
 R-NT2RP2002041
 R-NT2RP2002046//ESTs//1.6e-101:476:99//Hs.101107:AA825938
 R-NT2RP2002047//ESTs//9.1e-85:431:95//Hs.116750:AA629895
 R-NT2RP2002058//ESTs//1.3e-31:163:99//Hs.33085:AA258068
 R-NT2RP2002066//ESTs//1.9e-87:459:93//Hs.118871:AA846091
 R-NT2RP2002070//ESTs//4.1e-63:332:96//Hs.156446:T92265
 R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//1.7e-26:178:87//
 Hs.11039:AF052183
 R-NT2RP2002079//ESTs//1.2e-79:389:97//Hs.135214:AI350524
 R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//1.5e
 -60:376:89//Hs.155218:AJ007509
 R-NT2RP2002105//ESTs//8.4e-54:313:90//Hs.98702:AI123000
 R-NT2RP2002124//ESTs//6.6e-81:431:93//Hs.127326:AA525134
 R-NT2RP2002137//Deoxycytidine kinase//0.29:183:62//Hs.709:M60527
 R-NT2RP2002154//ESTs//9.6e-97:539:91//Hs.18624:AA523268
 R-NT2RP2002172//EST//0.69:53:75//Hs.156238:AI334495

R-NT2RP2002185//ESTs, Weakly similar to F15C11.2 [C.elegans]//1.4e-54:26
9:98//Hs.107201:W52859

R-NT2RP2002192//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//3.9e-15:245:71//Hs.87578:AI125363

R-NT2RP2002193//ESTs//3.5e-79:453:90//Hs.76578:AI290672

R-NT2RP2002208//ESTs//2.0e-72:347:99//Hs.164028:AI003946

R-NT2RP2002219//EST//0.039:229:63//Hs.149830:AI287499

R-NT2RP2002231//ESTs//3.3e-64:337:94//Hs.79828:AA642341

R-NT2RP2002252//ESTs, Highly similar to co-repressor protein [M.musculus
]//5.4e-48:238:99//Hs.22583:AA188168

R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cd
s//1.6e-15:131:83//Hs.150595:AF005418

R-NT2RP2002259//Human L-myc protein gene, complete cds//5.3e-99:548:91//
Hs.92137:M19720

R-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens]//4.8e-1
00:550:91//Hs.4029:Z78373

R-NT2RP2002292//ESTs, Weakly similar to F13B12.1 [C.elegans]//3.2e-92:48
2:93//Hs.5570:AI377863

R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2. (CDS2) mRNA,
partial cds//4.1e-103:527:94//Hs.24812:AF069532

R-NT2RP2002316//ESTs//4.2e-91:425:100//Hs.3350:AI368015

R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA
, complete cds//1.2e-112:567:95//Hs.31034:AB015594

R-NT2RP2002333//ESTs//1.9e-86:483:91//Hs.155198:AA767372

R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant m
RNA, complete cds//1.2e-103:600:89//Hs.109051:AF038958

R-NT2RP2002394//ESTs//0.11:158:65//Hs.28792:AI343467

R-NT2RP2002408//ESTs//1.5e-51:278:93//Hs.6044:W22815

R-NT2RP2002426//Homo sapiens mRNA for KIAA0563 protein, complete cds//1.

7e-33:285:80//Hs.15731:AB011135
R-NT2RP2002439//ESTs//3.2e-12:134:76//Hs.32246:AA464020
R-NT2RP2002457//ESTs//4.7e-52:282:94//Hs.21968:H97521
R-NT2RP2002464//ESTs//5.3e-27:148:98//Hs.115660:AI362230
R-NT2RP2002475//ESTs//3.9e-85:439:94//Hs.9873:W27233
R-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//9.9e-115:605:92//Hs.125856:AB005289
R-NT2RP2002498//ESTs//6.3e-37:227:93//Hs.108779:N73180
R-NT2RP2002503//ESTs//1.9e-54:358:86//Hs.57800:W60838
R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//8.5e-107:583:91//Hs.23255:AB018334
R-NT2RP2002520//ESTs//4.2e-99:509:94//Hs.32368:AA205305
R-NT2RP2002537//ESTs//4.2e-105:552:93//Hs.154363:AA533090
R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA//2.6e-109:570:93//Hs.49476:AF009314
R-NT2RP2002549//DNA polymerase gamma//1.1e-35:189:86//Hs.80961:U60325
R-NT2RP2002591//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.5e-118:564:97//Hs.94549:AA149547
R-NT2RP2002595//EST//1.4e-15:101:95//Hs.129528:AA994783
R-NT2RP2002606//ESTs//4.5e-99:475:98//Hs.45046:N40170
R-NT2RP2002609//ESTs//1.9e-104:568:92//Hs.9175:AI184220
R-NT2RP2002618//ESTs//0.014:493:57//Hs.96322:AA541615
R-NT2RP2002621//EST//4.4e-36:252:84//Hs.149580:AI281881
R-NT2RP2002643//ESTs//6.9e-32:247:74//Hs.33354:AA179944
R-NT2RP2002672
R-NT2RP2002701//N-acetylglucosaminidase, alpha- (Sanfilippo disease IIIB) //0.99:184:63//Hs.50727:U43572
R-NT2RP2002706//EST//2.8e-41:148:86//Hs.161917:AA483223
R-NT2RP2002710//EST//0.34:105:71//Hs.136747:AA749210

R-NT2RP2002727//ESTs//8.7e-68:368:94//Hs.14366:T78626
 R-NT2RP2002736//ESTs//9.7e-98:457:99//Hs.74899:AA993300
 R-NT2RP2002740//Homo sapiens mRNA for KIAA0536 protein, partial cds//0.6
 6:360:59//Hs.119139:AB011108
 R-NT2RP2002741//ESTs//3.1e-102:489:98//Hs.112024:AI042352
 R-NT2RP2002750//EST//3.6e-43:166:86//Hs.162404:AA573131
 R-NT2RP2002752//ESTs//5.0e-56:355:89//Hs.95867:M62042
 R-NT2RP2002753//ESTs//1.7e-49:262:96//Hs.49005:W89124
 R-NT2RP2002769//ESTs//1.3e-59:376:88//Hs.4046:H03587
 R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence//4.0e-65:341:94//
 Hs.17481:AF070537
 R-NT2RP2002800//ESTs//6.5e-08:79:84//Hs.153262:AA551124
 R-NT2RP2002839//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
 ENTRY !!!! [H.sapiens]//1.6e-100:501:97//Hs.136202:AA206578
 R-NT2RP2002857//ESTs//4.3e-94:463:97//Hs.134292:AA603031
 R-NT2RP2002862//ESTs//2.3e-42:302:82//Hs.117969:H94870
 R-NT2RP2002880
 R-NT2RP2002891
 R-NT2RP2002925//ESTs//1.3e-103:564:92//Hs.142079:AA182894
 R-NT2RP2002928//ESTs//3.9e-108:502:99//Hs.29105:AA574143
 R-NT2RP2002929//ESTs//4.1e-106:499:99//Hs.44743:AA837096
 R-NT2RP2002954//ESTs//2.6e-88:417:99//Hs.100824:AI308771
 R-NT2RP2002959//ESTs//7.5e-101:489:97//Hs.32690:N57480
 R-NT2RP2002979//ESTs//5.4e-06:197:65//Hs.146726:AI147060
 R-NT2RP2002980//ESTs//1.0e-110:562:96//Hs.28444:AA083213
 R-NT2RP2002986//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila
 melanogaster]//3.1e-119:578:97//Hs.106290:AI125291
 R-NT2RP2002987//Human mRNA for KIAA0331 gene, complete cds//1.0:78:74//H
 s.146395:AB002329

R-NT2RP2002993//ESTs, Weakly similar to DNA-DIRECTED RNA POLYMERASE II 1
40 KD POLYPEPTIDE [H.sapiens]//2.4e-98:467:98//Hs.86337:AA149311

R-NT2RP2003000//ESTs//0.0070:400:61//Hs.138506:U85642

R-NT2RP2003034//ESTs//9.3e-87:408:96//Hs.164042:H12594

R-NT2RP2003073//Human transporter protein (g17) mRNA, complete cds//0.95
:259:61//Hs.76460:U49082

R-NT2RP2003099//Thromboxane A2 receptor//2.6e-42:328:81//Hs.89887:D38081

R-NT2RP2003108//ESTs//2.3e-82:398:98//Hs.5105:AA115512

R-NT2RP2003117//Human mRNA for KIAA0347 gene, complete cds//2.4e-49:336:
86//Hs.101996:AB002345

R-NT2RP2003121//ESTs//2.0e-75:380:96//Hs.133127:AA133355

R-NT2RP2003125

R-NT2RP2003129//EST//0.68:115:69//Hs.122196:AA780986

R-NT2RP2003137//ESTs//2.1e-37:259:85//Hs.63169:N78506

R-NT2RP2003161//ESTs//2.5e-88:451:96//Hs.29041:W37379

R-NT2RP2003164//ESTs//4.3e-113:543:97//Hs.8980:AA629067

R-NT2RP2003165//ESTs//6.9e-83:486:89//Hs.138632:H97952

R-NT2RP2003177//ESTs//0.47:38:100//Hs.61790:AA421156

R-NT2RP2003194//ESTs//4.7e-118:582:96//Hs.27266:AA053816

R-NT2RP2003206//ESTs//0.032:388:58//Hs.122148:AA442074

R-NT2RP2003230//ESTs//8.8e-103:478:99//Hs.40140:AI079253

R-NT2RP2003237//ESTs//2.7e-76:392:96//Hs.106278:R37661

R-NT2RP2003243//ESTs//3.6e-53:300:92//Hs.118793:AA192438

R-NT2RP2003265//ESTs, Highly similar to protein NGD5 [M.musculus]//3.3e-
110:557:96//Hs.24994:AA236937

R-NT2RP2003272//ESTs, Weakly similar to F15C11.2 [C.elegans]//1.2e-34:22
8:89//Hs.107201:W52859

R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//1.4
e-111:565:95//Hs.154919:AB014525

R-NT2RP2003280//ESTs//2.6e-101:541:94//Hs.6982:AA622427
 R-NT2RP2003286//ESTs//1.2e-104:497:98//Hs.113052:A1222106
 R-NT2RP2003293//Human mRNA for KIAA0118 gene, partial cds//9.1e-44:458:7
 4//Hs.154326:D42087
 R-NT2RP2003295//Protein serine/threonine kinase stk2//0.31:321:57//Hs.10
 87:L20321
 R-NT2RP2003297//ESTs//3.0e-15:118:87//Hs.16621:AA098874
 R-NT2RP2003308//ESTs, Moderately similar to CROOKED NECK PROTEIN [Droso
 phila melanogaster]//4.8e-109:553:96//Hs.26089:AA195126
 R-NT2RP2003329//ESTs//0.99:208:62//Hs.143607:A1424948
 R-NT2RP2003339//ESTs//1.3e-85:441:96//Hs.24115:N32618
 R-NT2RP2003347//ESTs//1.5e-70:365:96//Hs.155773:A1312825
 R-NT2RP2003367//EST//5.8e-80:376:100//Hs.112500:AA599014
 R-NT2RP2003391//ESTs//2.8e-98:484:97//Hs.5842:AA534476
 R-NT2RP2003393//ESTs//2.0e-96:510:93//Hs.75844:AA115502
 R-NT2RP2003394//EST//5.2e-06:264:63//Hs.144234:W52249
 R-NT2RP2003401//ESTs//6.1e-25:161:90//Hs.155360:AA984683
 R-NT2RP2003433//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61
 ALPHA SUBUNIT [Canis familiaris]//1.2e-106:508:98//Hs.131840:A1016073
 R-NT2RP2003445//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
 ENTRY !!!! [H.sapiens]//5.6e-21:161:70//Hs.43153:N22360
 R-NT2RP2003446//ESTs, Weakly similar to C27H6.4 [C.elegans]//6.0e-105:52
 9:96//Hs.8055:W60903
 R-NT2RP2003456//ESTs//7.5e-96:449:99//Hs.25362:A1277332
 R-NT2RP2003480//ESTs//1.6e-116:583:96//Hs.59757:AA176121
 R-NT2RP2003499//ESTs, Weakly similar to elastin like protein [D.melanoga
 ster]//7.0e-71:365:95//Hs.101056:R52777
 R-NT2RP2003506//ESTs, Weakly similar to ORF YPL207w [S.cerevisiae]//2.3e
 -115:577:96//Hs.16277:N36831

R-NT2RP2003511//ESTs//1.6e-22:182:85//Hs.28249:AA203733

R-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds//1.3e-108:566:94//Hs.78482:Y16270

R-NT2RP2003517//Platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)//4.9e-62:518:79//Hs.1976:M12783

R-NT2RP2003522//ESTs//2.0e-97:462:99//Hs.24512:D60170

R-NT2RP2003533//ESTs//4.4e-45:273:78//Hs.140225:AA704101

R-NT2RP2003543//EST//1.0:80:68//Hs.65646:F13684

R-NT2RP2003559//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.8e-58:316:94//Hs.28891:W72439

R-NT2RP2003564//ESTs//3.2e-112:528:99//Hs.53940:N46696

R-NT2RP2003581//ESTs//1.3e-88:506:93//Hs.16157:AA203719

R-NT2RP2003596//ESTs, Weakly similar to No definition line found [C.elegans]//4.7e-101:495:98//Hs.34627:AA126463

R-NT2RP2003604//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//1.7e-103:501:97//Hs.58488:U97067

R-NT2RP2003629//EST//0.032:440:59//Hs.135297:A1038981

R-NT2RP2003643//ESTs, Weakly similar to HYPOTHETICAL 14.1 KD PROTEIN IN MURZ-RPON INTERGENIC REGION [E.coli]//9.1e-62:359:92//Hs.12492:AA203188

R-NT2RP2003668//EST//9.4e-110:535:97//Hs.116279:AA628951

R-NT2RP2003687//EST//5.9e-05:196:65//Hs.139064:AA135523

R-NT2RP2003691//ESTs, Weakly similar to F59C6.9 [C.elegans]//1.0:202:62//Hs.65539:A1148540

R-NT2RP2003702//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//4.3e-99:492:96//Hs.93332:AA811920

R-NT2RP2003704//ESTs//1.0:155:63//Hs.104166:AA740246

R-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds//8.4e-47:265:93//Hs.78494:AB011097

R-NT2RP2003713//EST//0.81:210:59//Hs.14551:T79401

R-NT2RP2003714//ESTs//1.7e-99:495:96//Hs.158101:AI365003
R-NT2RP2003727//Human 19.8 kDa protein mRNA, complete cds//0.84:221:60//
Hs.2384:U18914
R-NT2RP2003737//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2
-17 KD [Caenorhabditis elegans]//2.4e-50:302:90//Hs.19196:W74577
R-NT2RP2003751
R-NT2RP2003760//ESTs//2.6e-101:548:93//Hs.115987:AA483808
R-NT2RP2003764//ESTs//8.2e-25:134:98//Hs.64036:AA127709
R-NT2RP2003769//ESTs//1.7e-108:545:95//Hs.56847:AA541606
R-NT2RP2003770//Homo sapiens sperm acrosomal protein mRNA, complete cds/
/6.0e-106:531:96//Hs.90436:AF047437
R-NT2RP2003777//ESTs//2.6e-59:323:94//Hs.10101:AI381811
R-NT2RP2003781//ESTs//2.0e-25:269:75//Hs.144951:N34836
R-NT2RP2003793//ESTs//8.7e-94:466:97//Hs.93949:AA782955
R-NT2RP2003840//ESTs//3.4e-97:533:93//Hs.16130:AA195077
R-NT2RP2003857//H.sapiens mRNA for G9a//2.8e-23:351:65//Hs.75196:X69838
R-NT2RP2003859//ESTs//3.0e-07:96:81//Hs.153262:AA551124
R-NT2RP2003871//ESTs//1.9e-102:509:97//Hs.25726:AA430167
R-NT2RP2003885//ESTs//1.0e-102:502:97//Hs.36353:AA702341
R-NT2RP2003912//EST//1.2e-38:336:76//Hs.134975:AI094611
R-NT2RP2003952//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complet
e cds//0.90:190:60//Hs.75875:U49278
R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease,
complete cds//7.6e-116:568:97//Hs.35086:AB014458
R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//3.
6e-109:540:97//Hs.7302:AB007916
R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//2.5
e-115:568:96//Hs.7316:AB018347
R-NT2RP2003984

R-NT2RP2003986//ESTs//4.9e-36:272:82//Hs.158268:AA738087
 R-NT2RP2003988//ESTs, Weakly similar to reverse transcriptase [H.sapiens
]//3.2e-110:519:99//Hs.36093:AI149968
 R-NT2RP2004014//ESTs//8.4e-102:483:99//Hs.22867:AI417478
 R-NT2RP2004041
 R-NT2RP2004042//ESTs//1.5e-105:466:97//Hs.7296:N29706
 R-NT2RP2004066//ESTs//1.4e-110:559:96//Hs.71916:AA219699
 R-NT2RP2004081//ESTs//3.7e-105:503:98//Hs.27542:AA977204
 R-NT2RP2004098//EST//7.3e-26:203:87//Hs.21897:R41461
 R-NT2RP2004124//ESTs//1.1e-83:435:95//Hs.43299:N23036
 R-NT2RP2004142//EST//1.3e-06:165:65//Hs.146742:AI147500
 R-NT2RP2004152//ESTs//7.0e-98:455:100//Hs.17731:AI342241
 R-NT2RP2004165//ESTs, Highly similar to DYNEIN BETA CHAIN, CILIARY [Ant
 hocidaris crassispina]//1.0e-118:583:97//Hs.16520:AI224533
 R-NT2RP2004170//ESTs//6.7e-66:407:88//Hs.157138:AI348544
 R-NT2RP2004172//ESTs//1.5e-109:567:95//Hs.159091:AA033974
 R-NT2RP2004187//ESTs//3.6e-92:488:93//Hs.22954:W26589
 R-NT2RP2004194//ESTs//6.2e-114:585:95//Hs.18778:AA203167
 R-NT2RP2004196
 R-NT2RP2004207//ESTs//6.3e-102:488:98//Hs.22678:AA604756
 R-NT2RP2004226//ESTs//8.8e-18:252:71//Hs.11924:W26972
 R-NT2RP2004232//ESTs, Highly similar to protein kinase C mu [H.sapiens]/
 /5.2e-105:499:98//Hs.143460:AA483305
 R-NT2RP2004239//ESTs//1.2e-16:171:80//Hs.16134:AA203116
 R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cd
 s//3.4e-103:530:93//Hs.54900:AF039687
 R-NT2RP2004242//ESTs//1.3e-85:460:93//Hs.104535:AA211483
 R-NT2RP2004245//ESTs//6.4e-117:575:97//Hs.23744:AA035744
 R-NT2RP2004270//ESTs//1.0:95:69//Hs.141371:H92187

R-NT2RP2004300//ESTs//4.4e-80:379:99//Hs.130874:AA905056
R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//4.7e-110:544:96//Hs.61152:AF000416
R-NT2RP2004321//ESTs//2.1e-18:104:99//Hs.107207:AA044788
R-NT2RP2004339//EST//1.4e-47:309:86//Hs.161917:AA483223
R-NT2RP2004347
R-NT2RP2004364//ESTs//1.1e-113:566:96//Hs.25880:AI268173
R-NT2RP2004365//ESTs//0.022:271:62//Hs.38897:AI129310
R-NT2RP2004366//ESTs//9.5e-71:335:100//Hs.91867:AI218624
R-NT2RP2004373//ESTs//4.2e-25:172:87//Hs.83243:N32192
R-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.4e-11:108:82//Hs.30490:AA146916
R-NT2RP2004392//ESTs//3.4e-81:427:94//Hs.5827:AA581646
R-NT2RP2004396//EST//5.6e-06:100:77//Hs.138623:H92473
R-NT2RP2004399//EST//0.98:337:59//Hs.118446:N67900
R-NT2RP2004400//ESTs//2.1e-90:422:100//Hs.152460:AA602921
R-NT2RP2004412//ESTs//1.4e-105:503:98//Hs.15929:AA403121
R-NT2RP2004425//EST//0.00017:225:60//Hs.146935:AI168124
R-NT2RP2004476//ESTs//1.4e-88:477:94//Hs.4859:N29695
R-NT2RP2004490//Homo sapiens 3-phosphoinositide dependent protein kinase -1 (PDK1) mRNA, complete cds//8.6e-34:143:98//Hs.154729:AF017995
R-NT2RP2004512//ESTs//2.6e-91:426:100//Hs.94133:AI270700
R-NT2RP2004523//ESTs//1.6e-74:377:97//Hs.14217:R61320
R-NT2RP2004538//Thromboxane A2 receptor//1.4e-45:279:89//Hs.89887:D38081
R-NT2RP2004551//ESTs//0.47:147:66//Hs.131519:AI024347
R-NT2RP2004568//ESTs//1.3e-107:567:94//Hs.65234:AA195470
R-NT2RP2004580//ESTs//5.9e-29:156:98//Hs.147801:AI221661
R-NT2RP2004587//ESTs//1.0e-102:495:97//Hs.91662:AA781126

R-NT2RP2004594//ESTs//4.1e-56:298:95//Hs.24641:AA954666
 R-NT2RP2004600//ESTs//4.8e-67:374:93//Hs.49762:N69862
 R-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//4.5e-07:149:76//Hs.12845:N28835
 R-NT2RP2004614//ESTs//1.0e-111:557:96//Hs.37892:N53497
 R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//2.4e-118:587
 :96//Hs.5198:AJ006291
 R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.9
 e-107:520:96//Hs.29956:AB007929
 R-NT2RP2004675//ESTs//2.7e-82:407:97//Hs.116113:F18930
 R-NT2RP2004681//NUCLEOLIN//0.34:387:58//Hs.79110:M60858
 R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//5.0
 e-120:600:96//Hs.154919:AB014525
 R-NT2RP2004709//ESTs//1.1e-106:511:98//Hs.38034:AI149793
 R-NT2RP2004710//ESTs//9.9e-87:477:93//Hs.6834:AA203433
 R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//1.
 3e-118:594:96//Hs.4236:AB007947
 R-NT2RP2004743//ESTs//2.1e-48:327:88//Hs.43635:AA447015
 R-NT2RP2004767//EST//4.0e-57:328:81//Hs.142796:N51423
 R-NT2RP2004775//ESTs//9.4e-60:326:94//Hs.115339:AA136774
 R-NT2RP2004791//ESTs//3.2e-82:367:96//Hs.141911:N64013
 R-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta s
 ubunit (SCS) mRNA, partial cds//8.0e-116:564:96//Hs.40820:AF058953
 R-NT2RP2004802//ESTs//6.5e-111:586:94//Hs.90375:W74579
 R-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//8.7e-
 120:584:97//Hs.67052:AF054179
 R-NT2RP2004841//EST//3.8e-31:323:74//Hs.147714:AI219906
 R-NT2RP2004861//EST//0.92:147:63//Hs.23064:R20803
 R-NT2RP2004897//ESTs//1.7e-46:390:80//Hs.139225:H96567

R-NT2RP2004936//EST//0.97:176:63//Hs.137436:AA280529
R-NT2RP2004959//ESTs//0.059:137:64//Hs.144109:AI345543
R-NT2RP2004961//ESTs//1.8e-87:409:100//Hs.138297:AA781941
R-NT2RP2004962//ESTs//0.0021:292:59//Hs.145917:AI275458
R-NT2RP2004967//Human mRNA for KIAA0118 gene, partial cds//7.4e-51:506:7
5//Hs.154326:D42087
R-NT2RP2004978//ESTs//0.95:138:63//Hs.13619:W93496
R-NT2RP2004982//ESTs//7.8e-95:468:97//Hs.22545:R43910
R-NT2RP2004985
R-NT2RP2004999//ESTs//2.9e-94:450:98//Hs.128766:AI419902
R-NT2RP2005000
R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//9.
6e-113:577:95//Hs.155972:AB014515
R-NT2RP2005003//EST//1.3e-75:387:96//Hs.140843:R42235
R-NT2RP2005012//Homo sapiens SEC63 (SEC63) mRNA, complete cds//3.1e-116:
568:97//Hs.31575:AF100141
R-NT2RP2005018//ESTs//7.5e-46:280:90//Hs.126857:AA932161
R-NT2RP2005020//ESTs//1.6e-105:554:94//Hs.14846:AA148507
R-NT2RP2005031//EST//3.1e-79:379:99//Hs.139709:AA227887
R-NT2RP2005037//ESTs//5.3e-102:551:93//Hs.26516:AA195220
R-NT2RP2005038//ESTs//5.8e-101:566:92//Hs.46964:N49757
R-NT2RP2005108
R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//2.7
e-105:518:97//Hs.22616:AB014564
R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box
protein)//4.6e-69:464:85//Hs.100555:X98743
R-NT2RP2005139//ESTs//1.0e-108:545:95//Hs.21006:AA523383
R-NT2RP2005140//ESTs//4.3e-90:422:99//Hs.62180:AI341261
R-NT2RP2005144//ESTs//0.91:162:62//Hs.52399:AI075744

R-NT2RP2005147//ESTs//4.6e-100:502:96//Hs.27931:AA633438
R-NT2RP2005159//ESTs//7.5e-105:533:95//Hs.109819:AI357582
R-NT2RP2005162//ESTs//6.6e-83:419:96//Hs.113998:H50648
R-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein//2.4e-101:513:95//Hs.155218:AJ007509
R-NT2RP2005204//ESTs, Weakly similar to UBIQUITIN-ACTIVATING ENZYME E1 H OMOLOG [H.sapiens]//1.9e-115:577:96//Hs.7600:H98166
R-NT2RP2005227//Homo sapiens LIM protein mRNA, complete cds//1.0e-45:359:82//Hs.154103:AF061258
R-NT2RP2005239//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]//1.0e-47:245:97//Hs.21090:AA418587
R-NT2RP2005254//ESTs//3.3e-111:581:94//Hs.22549:AA524503
R-NT2RP2005270//ESTs, Highly similar to HYPOTHETICAL 67.6 KD PROTEIN ZK 637.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.1e-79:412:95//Hs.23047:N66596
R-NT2RP2005276//ESTs//4.6e-85:426:96//Hs.24550:AA316272
R-NT2RP2005287//ESTs//1.7e-109:565:94//Hs.61976:AI279001
R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.4e-125:594:98//Hs.27007:AF060219
R-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//4.9e-112:545:96//Hs.44766:AJ007590
R-NT2RP2005293//ESTs//5.1e-116:538:99//Hs.62180:AI341261
R-NT2RP2005315//ESTs//1.4e-82:415:97//Hs.155829:AA018338
R-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds//2.5e-45:272:91//Hs.1569:U11701
R-NT2RP2005336//ESTs//1.9e-93:444:99//Hs.110966:AA151699
R-NT2RP2005344//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//0.011:463:58//Hs.150926:AF017445
R-NT2RP2005354//ESTs//7.2e-22:148:91//Hs.153783:H14544

R-NT2RP2005360//ESTs//0.048:225:60//Hs.7602:AA099247

R-NT2RP2005393//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.9e-41:248:82//Hs.93121:AB018304

R-NT2RP2005407//ESTs, Weakly similar to OSH1 PROTEIN [Saccharomyces cerevisiae]//2.5e-75:461:88//Hs.70849:AA121697

R-NT2RP2005436//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II [C.elegans]//8.1e-96:491:95//Hs.7194:AI185631

R-NT2RP2005441//ESTs//1.1e-110:548:96//Hs.5209:AA780068

R-NT2RP2005453//ESTs//0.94:352:58//Hs.25870:H14423

R-NT2RP2005457//ESTs//2.1e-46:236:97//Hs.19522:AA975096

R-NT2RP2005464//ESTs//1.8e-72:349:99//Hs.44045:N51307

R-NT2RP2005465//ESTs//0.0058:322:58//Hs.127009:AI378936

R-NT2RP2005472//ESTs//0.47:309:60//Hs.144838:AI222019

R-NT2RP2005476//ESTs//5.1e-40:205:98//Hs.101577:AI168526

R-NT2RP2005490//ESTs//1.3e-70:364:96//Hs.134382:AA083573

R-NT2RP2005491//EST//0.012:220:60//Hs.144448:AA812455

R-NT2RP2005495//ESTs//1.2e-86:501:91//Hs.99445:R93540

R-NT2RP2005496//ESTs//3.2e-34:263:81//Hs.70279:AA757426

R-NT2RP2005498//ESTs, Highly similar to PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, NEURONAL ISOFORM [Oryctolagus cuniculus]//2.3e-45:284:88//Hs.85752:AI138993

R-NT2RP2005501//ESTs//2.5e-84:404:98//Hs.143812:AI141755

R-NT2RP2005509//ESTs, Highly similar to HYPOTHETICAL 37.2 KD PROTEIN C12C2.09C IN CHROMOSOME I [Schizosaccharomyces pombe]//8.2e-36:215:92//Hs.5298:AA725071

R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//3.2e-110:570:94//Hs.119023:AF092563

R-NT2RP2005525//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING EN TRY !!!! [H.sapiens]//1.3e-84:433:95//Hs.36942:AA524535

R-NT2RP2005531//EST//0.98:64:70//Hs.146573:AI139856
 R-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.8e-108:560:94//Hs.159597:AJ012449
 R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.7e-115:583:96//Hs.62515:AB007963
 R-NT2RP2005549//EST//0.61:111:62//Hs.147482:AI215572
 R-NT2RP2005555//ESTs//6.6e-108:507:99//Hs.68613:AI357567
 R-NT2RP2005557//ESTs//3.1e-105:495:99//Hs.105985:AA885169
 R-NT2RP2005581//ESTs//1.7e-79:445:92//Hs.138152:H03240
 R-NT2RP2005600//ESTs//1.3e-38:192:100//Hs.48329:W92733
 R-NT2RP2005605//ESTs//7.6e-87:409:99//Hs.45005:AA975060
 R-NT2RP2005620//ESTs//2.9e-96:463:97//Hs.7407:AI376788
 R-NT2RP2005622//ESTs//1.8e-104:497:98//Hs.22595:AA394229
 R-NT2RP2005637//EST//2.5e-20:163:71//Hs.161164:AI418211
 R-NT2RP2005640//ESTs//5.0e-99:473:98//Hs.23467:AA708740
 R-NT2RP2005645//ESTs//9.5e-23:231:77//Hs.5534:AA195173
 R-NT2RP2005651//ESTs, Highly similar to XFIN PROTEIN [Xenopus laevis]//2.9e-103:525:96//Hs.70589:AA868470
 R-NT2RP2005654//Insulin-like growth factor binding protein 2//0.94:223:60//Hs.162:X16302
 R-NT2RP2005669//Homo sapiens nitrilase 1 (NIT1) mRNA, complete cds//2.7e-14:87:100//Hs.146406:AF069987
 R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//5.8e-91:434:98//Hs.25664:AF089814
 R-NT2RP2005683//ESTs//1.5e-98:494:96//Hs.22595:AA394229
 R-NT2RP2005690//ESTs//4.8e-43:286:86//Hs.150727:AI292236
 R-NT2RP2005694//EST//3.1e-82:386:100//Hs.149391:AI273643
 R-NT2RP2005701//ESTs, Highly similar to BUTYROPHILIN PRECURSOR [Bos taurus]//2.8e-68:376:93//Hs.9095:AA532630

R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//1.3e-105:503:98//Hs.61638:AB018342

R-NT2RP2005719//ESTs, Weakly similar to GPI-anchored protein p137 precursor [H.sapiens]//5.4e-105:500:98//Hs.14298:AI417523

R-NT2RP2005722//EST//6.5e-76:395:94//Hs.142150:AA223982

R-NT2RP2005723//ESTs//1.5e-84:452:93//Hs.91753:R44455

R-NT2RP2005726//ESTs//3.5e-64:500:82//Hs.100526:AI223153

R-NT2RP2005741//ESTs//4.7e-60:333:93//Hs.107242:R40258

R-NT2RP2005748//ESTs//3.4e-102:498:97//Hs.82660:N78064

R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//4.3e-42:223:96//Hs.159651:AF068868

R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//1.2e-104:494:98//Hs.26285:AF082516

R-NT2RP2005763//ESTs//1.1e-97:456:99//Hs.65412:AI362163

R-NT2RP2005767//ESTs//8.0e-38:204:96//Hs.18460:AA193463

R-NT2RP2005773//ESTs, Highly similar to PYRROLINE-5-CARBOXYLATE REDUCTASE [Homo sapiens]//5.4e-112:559:96//Hs.14214:AI189379

R-NT2RP2005775//ESTs, Highly similar to NEUROLYSIN PRECURSOR [Sus scrofa]//3.0e-108:544:96//Hs.22151:AI214321

R-NT2RP2005781//ESTs//1.7e-43:217:99//Hs.144391:AA365664

R-NT2RP2005784//EST//0.0071:217:60//Hs.117332:AA699724

R-NT2RP2005804//ESTs//8.8e-107:512:98//Hs.15496:W44398

R-NT2RP2005812//ESTs//9.0e-76:359:99//Hs.113937:AI298746

R-NT2RP2005815//ESTs//5.5e-76:363:99//Hs.136230:AA594981

R-NT2RP2005835//ESTs//1.5e-100:541:94//Hs.86813:N25122

R-NT2RP2005841//ESTs//2.8e-105:556:92//Hs.69993:AA628403

R-NT2RP2005853//EST//2.0e-13:219:70//Hs.134016:AI076062

R-NT2RP2005857//ESTs//1.0e-115:576:96//Hs.30663:AI338462

R-NT2RP2005859//ESTs//7.3e-116:571:97//Hs.85986:AA195105

R-NT2RP2005868//EST//0.00023:320:61//Hs.149689:AI284133
 R-NT2RP2005890//ESTs//1.0e-96:466:98//Hs.122579:AA766315
 R-NT2RP2005901//ESTs//8.3e-116:548:98//Hs.66296:AI125268
 R-NT2RP2005908//ESTs, Weakly similar to weakly similar to gastrula zinc
 finger protein [C.elegans]//2.4e-73:397:94//Hs.16667:T92427
 R-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//
 2.8e-114:560:97//Hs.9082:AA873170
 R-NT2RP2005942//ESTs//5.6e-117:582:96//Hs.146123:AI338419
 R-NT2RP2005980//ESTs//6.9e-101:478:98//Hs.43145:AA776988
 R-NT2RP2006023//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.5e-51:39
 8:80//Hs.113283:AF018080
 R-NT2RP2006038//ESTs//0.025:284:59//Hs.97852:AA404347
 R-NT2RP2006043//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B04
 95.8 IN CHROMOSOME II [C.elegans]//1.2e-50:278:94//Hs.7194:AI185631
 R-NT2RP2006052//ESTs//5.0e-52:272:95//Hs.99545:AA461492
 R-NT2RP2006069//ESTs//1.8e-90:495:93//Hs.43654:AA522714
 R-NT2RP2006071//ESTs//1.5e-38:218:94//Hs.107882:W72093
 R-NT2RP2006098//ESTs//2.9e-105:540:95//Hs.26860:N56918
 R-NT2RP2006100//Human organic anion transporting polypeptide (OATP) mRNA
 , complete cds//0.031:254:62//Hs.46440:U21943
 R-NT2RP2006103//ESTs//1.5e-86:416:98//Hs.152114:AA401365
 R-NT2RP2006141//ESTs//5.3e-88:432:98//Hs.77480:AA100522
 R-NT2RP2006166//Homo sapiens LIM protein mRNA, complete cds//2.8e-17:255
 :72//Hs.154103:AF061258
 R-NT2RP2006184//ESTs//8.4e-101:487:98//Hs.58009:W69435
 R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//6.1
 e-110:553:95//Hs.109299:AB014554
 R-NT2RP2006196//Human clone 23960 mRNA sequence//0.0037:48:100//Hs.15129
 3:U79276

R-NT2RP2006200//ESTs//6.5e-77:398:96//Hs.163953:R01398
 R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//1.2e-94:532:90//Hs.153
 910:X96484
 R-NT2RP2006237//ESTs//1.2e-57:305:95//Hs.86149:AI341312
 R-NT2RP2006238//ESTs, Highly similar to ra8 [R.norvegicus]//1.5e-29:183:
 91//Hs.4048:AA404253
 R-NT2RP2006258//ESTs//3.2e-87:462:94//Hs.141556:N49928
 R-NT2RP2006261//ESTs//3.4e-57:326:92//Hs.22523:W02999
 R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//4.7e-96:4
 81:97//Hs.3404:AF035262
 R-NT2RP2006320//EST//3.4e-21:335:65//Hs.141603:N66015
 R-NT2RP2006321//ESTs, Moderately similar to karyopherin beta 3 [H.sapien
 s]//1.9e-89:460:96//Hs.21889:N78664
 R-NT2RP2006323//ESTs//3.5e-91:439:98//Hs.61697:AI081771
 R-NT2RP2006333//ESTs//4.9e-38:301:82//Hs.155999:AA196412
 R-NT2RP2006334//EST//3.1e-45:264:91//Hs.149599:AI282321
 R-NT2RP2006365//ESTs//2.9e-81:417:95//Hs.11814:W44411
 R-NT2RP2006393//Cytochrome P450, subfamily I (aromatic compound-inducibl
 e), polypeptide 2//3.9e-48:403:77//Hs.1361:M55053
 R-NT2RP2006436//Homo sapiens mRNA for small GTP-binding protein, complet
 e cds//1.4e-27:155:76//Hs.115325:D84488
 R-NT2RP2006441//ESTs//6.0e-108:529:97//Hs.101282:N45092
 R-NT2RP2006454//ESTs//9.2e-20:110:99//Hs.144687:AI341146
 R-NT2RP2006456//ESTs//7.1e-91:508:92//Hs.12488:W63595
 R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein//2.1e-109:524:97//Hs
 .72160:AJ006266
 R-NT2RP2006467//EST//0.99:140:61//Hs.146958:AI174478
 R-NT2RP2006472//ESTs//3.3e-92:473:95//Hs.29216:AA916679
 R-NT2RP2006534//ESTs//1.2e-83:394:99//Hs.162116:AA524947

R-NT2RP2006554//ESTs//1.0e-87:460:95//Hs.47095:AA181474
 R-NT2RP2006565//ESTs//3.2e-24:129:100//Hs.13499:AI299886
 R-NT2RP2006571//ESTs//2.6e-56:306:94//Hs.98370:AA316622
 R-NT2RP2006573//ESTs//2.0e-112:533:98//Hs.18685:AI393829
 R-NT2RP2006598//ESTs, Weakly similar to retinoid X receptor interacting
 protein [M.musculus]//4.1e-109:542:97//Hs.7889:AI337112
 R-NT2RP3000002//ESTs//1.3e-08:399:59//Hs.126044:AI301598
 R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-116:560:97//Hs.6764:AJ011972
 R-NT2RP3000046//Small inducible cytokine A5 (RANTES)//1.9e-57:312:85//Hs.155464:AF088219
 R-NT2RP3000047//EST//0.91:130:66//Hs.140208:AA702213
 R-NT2RP3000050//ESTs, Weakly similar to putative p150 [H.sapiens]//3.1e-41:249:90//Hs.156155:AI222202
 R-NT2RP3000055//EST//2.4e-19:146:86//Hs.160497:AI255095
 R-NT2RP3000072//ESTs//2.2e-82:424:96//Hs.21542:N49574
 R-NT2RP3000080//ESTs//2.1e-29:186:89//Hs.153372:AA424029
 R-NT2RP3000085//ESTs//4.5e-101:482:98//Hs.47649:AA838715
 R-NT2RP3000109//ESTs//9.5e-97:455:99//Hs.17731:AI342241
 R-NT2RP3000134//EST//4.7e-106:497:99//Hs.125531:AA884000
 R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.2e-116:578:96//Hs.13273:AB011164
 R-NT2RP3000149//ESTs//7.7e-62:361:90//Hs.6649:N93418
 R-NT2RP3000186
 R-NT2RP3000197//ESTs//1.5e-75:436:91//Hs.140931:R51882
 R-NT2RP3000207//ESTs//1.3e-98:468:98//Hs.126908:AA933091
 R-NT2RP3000220//ESTs//2.2e-27:144:99//Hs.106861:R61306
 R-NT2RP3000233//EST//7.8e-77:368:99//Hs.49075:N64817
 R-NT2RP3000235//ESTs//0.43:82:74//Hs.132828:AI032819

R-NT2RP3000247//EST//2.2e-97:459:99//Hs.127928:AA969239
 R-NT2RP3000251
 R-NT2RP3000252//ESTs, Weakly similar to Lpg15p [S.cerevisiae]//2.0e-108:
 532:97//Hs.111086:AI379177
 R-NT2RP3000255//EST//0.67:93:67//Hs.120579:AA743073
 R-NT2RP3000267//ESTs//8.5e-108:542:95//Hs.24984:AA534446
 R-NT2RP3000299//ESTs, Weakly similar to enhancer of filamentation 1 [H.sa
 piens]//3.6e-103:516:96//Hs.4894:AI191323
 R-NT2RP3000312//ESTs//1.3e-100:493:97//Hs.29379:AI094117
 R-NT2RP3000320//ESTs//3.2e-95:538:91//Hs.118793:AA192438
 R-NT2RP3000324
 R-NT2RP3000333//ESTs//6.0e-39:194:100//Hs.119238:AA476267
 R-NT2RP3000341//ESTs//0.51:251:61//Hs.94090:AA777689
 R-NT2RP3000348//EST//1.8e-80:389:98//Hs.145944:AI276225
 R-NT2RP3000350//ESTs, Weakly similar to Lpg15p [S.cerevisiae]//3.1e-110:
 556:96//Hs.111086:AI379177
 R-NT2RP3000359//EST//4.9e-61:340:92//Hs.126495:AA913741
 R-NT2RP3000361//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR PRP6 [S
 .cerevisiae]//4.8e-91:439:97//Hs.31334:AI144423
 R-NT2RP3000366//EST//0.20:392:57//Hs.149652:AI283303
 R-NT2RP3000397//EST//8.7e-26:150:94//Hs.124617:AA855106
 R-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cd
 s//4.2e-111:529:98//Hs.28307:AF071185
 R-NT2RP3000418//EST//3.3e-09:202:67//Hs.117189:AA682947
 R-NT2RP3000433
 R-NT2RP3000439//ESTs//3.1e-79:426:92//Hs.26548:W26340
 R-NT2RP3000441//ESTs//6.3e-84:420:97//Hs.137482:AA421254
 R-NT2RP3000449//ESTs//4.9e-93:435:99//Hs.54617:AI379102
 R-NT2RP3000451//ESTs//2.3e-89:439:97//Hs.9196:AA748492

R-NT2RP3000456//Homo Sapiens (clone B3B3E13) chromosome 4p16.3 DNA fragment//1.8e-23:347:70//Hs.114963:L34408

R-NT2RP3000484//Heparin cofactor II//0.98:166:62//Hs.1478:M58600

R-NT2RP3000487//ESTs//0.012:384:60//Hs.88684:AA885141

R-NT2RP3000512//Homeo box B3//2.0e-69:377:93//Hs.49931:X16667

R-NT2RP3000526//ESTs//1.6e-91:432:99//Hs.38042:AA187151

R-NT2RP3000527//ESTs//1.2e-100:518:94//Hs.104557:AI078161

R-NT2RP3000531//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.95:85:71//Hs.5184:AA709151

R-NT2RP3000542//ESTs//2.6e-53:375:84//Hs.44158:N30180

R-NT2RP3000561//EST//1.1e-13:170:75//Hs.148421:AI198036

R-NT2RP3000562//Human mRNA for KIAA0233 gene, complete cds//0.97:141:68//Hs.79077:D87071

R-NT2RP3000578//ESTs//2.6e-68:324:100//Hs.5445:AA779447

R-NT2RP3000582//ESTs//2.1e-25:131:80//Hs.152465:AA563785

R-NT2RP3000584//ESTs//1.8e-97:460:99//Hs.120698:AI241511

R-NT2RP3000590//ESTs//2.0e-97:453:100//Hs.105355:AA953817

R-NT2RP3000592//ESTs//2.8e-91:432:99//Hs.144304:AI190916

R-NT2RP3000596//Human mRNA for KIAA0314 gene, partial cds//1.5e-09:447:58//Hs.155045:AB002312

R-NT2RP3000599//ESTs//3.8e-93:437:99//Hs.23971:AA829880

R-NT2RP3000605//ESTs//4.2e-111:554:96//Hs.40780:AA422049

R-NT2RP3000622//ESTs//2.0e-100:473:99//Hs.11387:AI127394

R-NT2RP3000624//ESTs, Weakly similar to KIAA0256 [H.sapiens]//5.4e-115:545:98//Hs.4857:AI090739

R-NT2RP3000628//Homo sapiens mRNA for KIAA0772 protein, complete cds//4.3e-49:397:80//Hs.15519:AB018315

R-NT2RP3000632//ESTs, Moderately similar to cyclin-selective ubiquitin carrier protein [H.sapiens]//6.3e-92:434:99//Hs.152517:AA719022

R-NT2RP3000644//ESTs//1.0e-44:306:84//Hs.155498:W27084
 R-NT2RP3000661//ESTs//3.1e-95:470:97//Hs.126069:W76185
 R-NT2RP3000665//ESTs//3.3e-95:503:94//Hs.34313:W81185
 R-NT2RP3000685//ESTs//2.7e-99:515:94//Hs.9711:R60873
 R-NT2RP3000690//ESTs//3.3e-88:414:99//Hs.146589:AI085578
 R-NT2RP3000736
 R-NT2RP3000742//ESTs, Highly similar to 1-PHOSPHATIDYLINOSITOL-4,5-BISP
 HOSPHATE PHOSPHODIESTERASE DELTA 1 [Rattus norvegicus]//1.8e-07:114:75//
 Hs.136065:W21960
 R-NT2RP3000753//ESTs//3.1e-99:461:100//Hs.150901:AI310447
 R-NT2RP3000759//ESTs//2.0e-74:384:95//Hs.104222:AA207243
 R-NT2RP3000815//ESTs//8.5e-97:455:99//Hs.158897:AI378583
 R-NT2RP3000825//EST//0.0089:343:59//Hs.42897:N20810
 R-NT2RP3000826//EST//3.4e-33:342:74//Hs.162236:AA551582
 R-NT2RP3000836//ESTs//6.8e-24:181:84//Hs.134464:AI151081
 R-NT2RP3000841//ESTs//4.5e-93:491:93//Hs.23618:H98082
 R-NT2RP3000845//ESTs//2.4e-88:473:93//Hs.8312:AA813022
 R-NT2RP3000847//ESTs//9.3e-89:460:95//Hs.154106:AI051657
 R-NT2RP3000850
 R-NT2RP3000852//Fibrillin 2//0.55:237:63//Hs.79432:U03272
 R-NT2RP3000859//ESTs//1.4e-96:509:94//Hs.7187:AA576895
 R-NT2RP3000865//EST//4.8e-23:461:66//Hs.162088:AA505741
 R-NT2RP3000868//ESTs//5.4e-78:430:93//Hs.102796:N70837
 R-NT2RP3000869//ESTs//8.5e-77:397:94//Hs.84484:AI014673
 R-NT2RP3000875//Mevalonate kinase//3.8e-78:531:84//Hs.75138:M88468
 R-NT2RP3000901//ESTs//2.1e-95:466:97//Hs.10647:AA428217
 R-NT2RP3000904//ESTs//1.6e-79:380:99//Hs.100850:AA479385
 R-NT2RP3000917//ESTs, Highly similar to mouse Dhml protein [M.musculus]/
 /9.5e-113:566:96//Hs.5900:AA035728

R-NT2RP3000919

R-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//1.5e-25:375:71//Hs.2953:X844
07

R-NT2RP3000980//ESTs//3.3e-72:364:96//Hs.9536:AA114178

R-NT2RP3000994//ESTs//3.5e-111:537:97//Hs.21146:AA683542

R-NT2RP3001004//ESTs//9.6e-91:456:96//Hs.58974:W87405

R-NT2RP3001007//ESTs//6.7e-99:482:97//Hs.117737:AI088029

R-NT2RP3001055//ESTs//0.0012:294:60//Hs.66479:AA863044

R-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN HF.12 [Homo
sapiens]//5.6e-102:486:99//Hs.145956:AA007349

R-NT2RP3001081//Retinal pigment epithelium-specific protein (65kD)//0.00
12:447:58//Hs.2133:U18991

R-NT2RP3001084//ESTs//4.3e-102:528:96//Hs.25277:W87874

R-NT2RP3001096//ESTs//1.1e-110:540:96//Hs.42824:AA873182

R-NT2RP3001107//ESTs//7.6e-100:478:98//Hs.99669:AA287832

R-NT2RP3001109//DNA polymerase gamma//0.0014:50:100//Hs.80961:U60325

R-NT2RP3001111//ESTs, Weakly similar to Trf-proximal protein [D.melanoga
ster]//3.2e-104:543:95//Hs.93796:C06063

R-NT2RP3001113//ESTs//3.3e-100:467:99//Hs.97757:AA401575

R-NT2RP3001115//Oxytocin receptor//7.9e-30:505:67//Hs.2820:X64878

R-NT2RP3001116//ESTs//4.6e-41:229:96//Hs.58412:W74779

R-NT2RP3001119//ESTs//6.9e-88:478:92//Hs.19469:AA203180

R-NT2RP3001120//ESTs//3.1e-82:430:93//Hs.110956:AI190166

R-NT2RP3001126//ESTs//4.4e-52:264:96//Hs.25264:R78188

R-NT2RP3001133//ESTs//4.7e-105:541:94//Hs.73239:AA573761

R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//2.6
e-115:549:97//Hs.5378:AB018305

R-NT2RP3001147//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUN
D [Drosophila melanogaster]//9.6e-113:552:97//Hs.23900:U82984

R-NT2RP3001150//ESTs//2.9e-90:444:97//Hs.99601:AA760717
 R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//9.4e-118:563:98//Hs
 .72160:AJ006266
 R-NT2RP3001176//ESTs//1.8e-110:534:98//Hs.58650:AI074460
 R-NT2RP3001214//ESTs//1.7e-109:545:96//Hs.24481:AA573139
 R-NT2RP3001216//EST//0.00098:128:66//Hs.160493:AI254963
 R-NT2RP3001221//EST//0.010:106:66//Hs.147774:AI221196
 R-NT2RP3001232//ESTs//1.5e-101:518:94//Hs.21630:AA778399
 R-NT2RP3001236//ESTs, Highly similar to KIAA0377 [H.sapiens]//2.8e-89:46
 2:95//Hs.116793:AA779588
 R-NT2RP3001239//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus
]//5.2e-82:466:91//Hs.66048:AA524416
 R-NT2RP3001245//EST//0.53:237:62//Hs.161131:AI417631
 R-NT2RP3001253//ESTs//1.7e-105:535:96//Hs.42315:AI222997
 R-NT2RP3001260//EST//0.16:144:62//Hs.126856:AA932135
 R-NT2RP3001268//Human Aac11 (aac11) mRNA, complete cds//0.12:494:59//Hs.
 151031:U83857
 R-NT2RP3001272//ESTs//1.4e-92:436:99//Hs.149831:AI383965
 R-NT2RP3001274//ESTs//3.9e-81:424:95//Hs.113184:N25651
 R-NT2RP3001281//EST//3.1e-60:298:98//Hs.149230:AI247332
 R-NT2RP3001307//EST//0.42:215:62//Hs.126165:AA868691
 R-NT2RP3001318//ESTs//4.1e-74:363:97//Hs.130832:H92571
 R-NT2RP3001325//ESTs//1.7e-106:534:96//Hs.21214:H98989
 R-NT2RP3001338//Human protein tyrosine phosphatase sigma mRNA, complete
 cds//0.22:199:63//Hs.159534:U35234
 R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//3.
 9e-114:566:96//Hs.18586:AB007920
 R-NT2RP3001340//ESTs//1.1e-72:411:92//Hs.21135:W81653
 R-NT2RP3001355//ESTs//9.0e-103:521:95//Hs.99486:AA776798

R-NT2RP3001374//ESTs//2.7e-82:395:98//Hs.117102:AA993090
 R-NT2RP3001383//ESTs//3.6e-10:118:78//Hs.111055:AA169778
 R-NT2RP3001384//ESTs, Weakly similar to A-kinase anchor protein 95, AKAP
 95 [R.norvegicus]//5.7e-92:522:90//Hs.96200:AA218942
 R-NT2RP3001392//ESTs//5.9e-62:296:100//Hs.125034:AA907375
 R-NT2RP3001396//ESTs//3.7e-111:528:98//Hs.22612:AA152232
 R-NT2RP3001398//ESTs//2.6e-94:449:99//Hs.146332:AI276628
 R-NT2RP3001399//ESTs//2.6e-82:401:97//Hs.7932:AI041186
 R-NT2RP3001407//ESTs//2.2e-101:488:97//Hs.71573:AA496898
 R-NT2RP3001420//EST//7.4e-44:394:79//Hs.137041:AA877817
 R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence//3.6e-106:550:94/
 /Hs.6957:AF052158
 R-NT2RP3001427//ESTs//1.3e-87:374:97//Hs.5457:H05692
 R-NT2RP3001428//Neurotrophic tyrosine kinase, receptor, type 1//4.7e-96:
 533:91//Hs.85844:X66397
 R-NT2RP3001432//ESTs//1.9e-102:523:95//Hs.132978:AI041374
 R-NT2RP3001447//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
 ENTRY !!!! [H.sapiens]//5.1e-101:482:98//Hs.124135:AA910560
 R-NT2RP3001449//ESTs//2.2e-99:502:96//Hs.7834:N45994
 R-NT2RP3001453//Small inducible cytokine A5 (RANTES)//8.1e-45:295:85//Hs
 .155464:AF088219
 R-NT2RP3001457//ESTs//1.5e-52:256:99//Hs.117982:AA644658
 R-NT2RP3001459//ESTs//3.4e-62:299:99//Hs.146098:AA167280
 R-NT2RP3001472//ESTs//4.8e-108:540:96//Hs.69594:N37009
 R-NT2RP3001490//ESTs//3.5e-91:549:88//Hs.6606:AA211783
 R-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds//1.4e-
 61:338:93//Hs.519:U13395
 R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (T
 RC8) mRNA, complete cds//6.8e-112:549:97//Hs.28285:AF064801

R-NT2RP3001527//ESTs//4.4e-105:543:95//Hs.158761:AA631047
R-NT2RP3001529//Homo sapiens tapasin (NGS-17) mRNA, complete cds//7.9e-5
9:427:83//Hs.5247:AF029750
R-NT2RP3001538//ESTs//1.6e-94:521:92//Hs.6846:AA209463
R-NT2RP3001554//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus
]//2.8e-76:392:95//Hs.66048:AA524416
R-NT2RP3001580//ESTs//3.7e-82:398:98//Hs.23490:N49477
R-NT2RP3001587//Homa sapiens mRNA for HRIHFB2115, partial cds//1.8e-09:8
6:88//Hs.4311:AB015337
R-NT2RP3001589//ESTs//0.0029:243:62//Hs.158924:AA605194
R-NT2RP3001607//EST//0.00096:76:78//Hs.140319:AA748328
R-NT2RP3001608//ESTs//3.8e-105:525:96//Hs.144655:AI279798
R-NT2RP3001621//ESTs//3.3e-108:535:97//Hs.47378:AI193598
R-NT2RP3001629
R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//2.7e-109:
541:96//Hs.9899:AF099149
R-NT2RP3001642//ESTs//6.0e-105:525:96//Hs.3376:AA915989
R-NT2RP3001646//ESTs//4.8e-95:523:92//Hs.64036:AA127709
R-NT2RP3001671//ESTs//0.0013:367:60//Hs.106090:AA457030
R-NT2RP3001672//ESTs//3.4e-37:191:98//Hs.57475:AI382189
R-NT2RP3001676//ESTs//1.5e-81:408:97//Hs.142547:N67648
R-NT2RP3001678//ESTs//4.3e-85:405:99//Hs.121915:AI268225
R-NT2RP3001679//ESTs//3.4e-100:545:93//Hs.5943:AI222558
R-NT2RP3001688//Human mRNA for KIAA0392 gene, partial cds//8.6e-46:301:8
7//Hs.40100:AB002390
R-NT2RP3001690//ESTs//3.3e-111:542:97//Hs.86149:AI341312
R-NT2RP3001708//ESTs//1.4e-96:349:95//Hs.17975:AA868618
R-NT2RP3001712//ESTs//9.3e-14:102:92//Hs.78041:N29669
R-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PR

ECURSOR [Mus musculus]//4.1e-80:444:91//Hs.6823:W18181
R-NT2RP3001724//ESTs//1.8e-109:547:96//Hs.14570:AI422099
R-NT2RP3001730//ESTs//4.1e-98:528:92//Hs.155115:AA669923
R-NT2RP3001739//ESTs//4.4e-87:444:94//Hs.27239:W27810
R-NT2RP3001752//ESTs//6.1e-93:490:94//Hs.4210:AA740440
R-NT2RP3001753//ESTs//2.5e-82:395:99//Hs.126435:AA912968
R-NT2RP3001764//ESTs, Weakly similar to protein-tyrosine phosphatase [H. sapiens]//1.2e-87:450:96//Hs.20281:N92517
R-NT2RP3001777//ESTs//1.1e-86:360:97//Hs.100530:H06725
R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//4.2e-113:549:97//Hs.28169:AB007928
R-NT2RP3001792//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.1e-21:119:99//Hs.44268:AA455900
R-NT2RP3001799//OX40L RECEPTOR PRECURSOR//2.8e-45:374:79//Hs.129780:X75962
R-NT2RP3001819//ESTs//2.6e-87:432:96//Hs.10414:AI291292
R-NT2RP3001844//ESTs//0.024:128:67//Hs.25131:N50117
R-NT2RP3001854//ESTs//1.4e-92:490:92//Hs.15165:N52900
R-NT2RP3001855//ESTs//1.9e-66:361:93//Hs.10043:D81792
R-NT2RP3001896//ESTs//1.4e-96:343:97//Hs.24809:N73642
R-NT2RP3001898//ESTs//4.1e-90:515:91//Hs.4867:AA521180
R-NT2RP3001915//ESTs//4.4e-32:175:95//Hs.24641:AA954666
R-NT2RP3001926//ESTs, Highly similar to NUCLEOLYSIN TIA-1 [Homo sapiens]//1.0e-40:202:100//Hs.24709:AI123300
R-NT2RP3001929//ESTs//6.6e-84:449:94//Hs.26962:AA682781
R-NT2RP3001931//ESTs//1.0e-41:214:99//Hs.32360:AA534737
R-NT2RP3001938//ESTs, Highly similar to SPORULATION-SPECIFIC PROTEIN 1 [Saccharomyces cerevisiae]//1.3e-95:483:96//Hs.5771:W74591
R-NT2RP3001943//ESTs//1.2e-23:169:88//Hs.103930:AA160990

R-NT2RP3001944//ESTs//2.0e-90:439:97//Hs.103380:AI291325
 R-NT2RP3001969//ESTs//0.95:133:65//Hs.131669:AI025889
 R-NT2RP3001989//ESTs, Weakly similar to C01A2.4 [C.elegans]//8.9e-64:310
 :99//Hs.11449:AI201540
 R-NT2RP3002002//ESTs//2.1e-95:562:89//Hs.5997:AA897088
 R-NT2RP3002004//H.sapiens mRNA for FAST kinase//1.6e-42:335:82//Hs.75087
 :X86779
 R-NT2RP3002007//ESTs//0.12:184:66//Hs.94030:AA846729
 R-NT2RP3002014//Small inducible cytokine A5 (RANTES)//6.8e-47:291:89//Hs
 .155464:AF088219
 R-NT2RP3002033
 R-NT2RP3002045//ESTs//1.0e-92:555:88//Hs.106411:W29081
 R-NT2RP3002054//EST//0.45:155:63//Hs.5656:D20426
 R-NT2RP3002056//ESTs//1.4e-95:504:93//Hs.17428:AI365221
 R-NT2RP3002057//Human mRNA for KIAA0152 gene, complete cds//0.69:127:66/
 /Hs.90438:D63486
 R-NT2RP3002062
 R-NT2RP3002063//ESTs//2.1e-113:552:97//Hs.9591:AA069657
 R-NT2RP3002081//ESTs//5.5e-43:212:100//Hs.124852:AA969139
 R-NT2RP3002097//EST//2.3e-10:80:91//Hs.102717:N59148
 R-NT2RP3002102
 R-NT2RP3002108
 R-NT2RP3002146//ESTs//5.5e-58:296:97//Hs.65328:AA625385
 R-NT2RP3002147//EST//2.5e-53:387:81//Hs.147928:AI249703
 R-NT2RP3002151//ESTs, Highly similar to G1 TO S PHASE TRANSITION PROTEI
 N 1 HOMOLOG [Homo sapiens]//6.2e-107:534:96//Hs.59523:AA602837
 R-NT2RP3002163//ESTs//2.7e-106:520:97//Hs.21258:AA412293
 R-NT2RP3002165//ESTs//7.4e-93:479:95//Hs.27299:AI074024
 R-NT2RP3002166//ESTs//1.0:261:59//Hs.132817:AA593713

R-NT2RP3002173//ESTs//2.7e-93:512:92//Hs.23648:H07120
 R-NT2RP3002181//ESTs//1.0e-84:435:96//Hs.47378:AI193598
 R-NT2RP3002244//ESTs//2.7e-11:97:89//Hs.9412:W72446
 R-NT2RP3002248//ESTs//4.3e-90:459:95//Hs.9848:AA130588
 R-NT2RP3002255//ESTs//1.3e-45:289:88//Hs.9100:AA431672
 R-NT2RP3002273//ESTs//2.3e-100:489:97//Hs.8258:AA744743
 R-NT2RP3002276//ESTs//1.2e-50:306:91//Hs.16160:AA778171
 R-NT2RP3002303//ESTs//1.1e-67:323:99//Hs.129761:AA836898
 R-NT2RP3002304//ESTs//2.8e-86:405:99//Hs.29643:AA418500
 R-NT2RP3002330//ESTs, Weakly similar to G1 TO S PHASE TRANSITION PROTEIN
 1 HOMOLOG [H.sapiens]//1.8e-19:136:87//Hs.106928:AI041737
 R-NT2RP3002343//ESTs//1.0e-42:260:93//Hs.7797:W25667
 R-NT2RP3002351//Homo sapiens 9G8 splicing factor mRNA, complete cds//0.0
 048:221:64//Hs.556:L41887
 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A)
 gene//5.8e-105:516:94//Hs.6483:Y16355
 R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//1.5
 e-103:524:95//Hs.12707:AB014578
 R-NT2RP3002484//Human APRT gene for adenine phosphoribosyltransferase//0
 .54:108:71//Hs.28914:Y00486
 R-NT2RP3002501//ESTs//2.7e-96:489:95//Hs.27335:N74185
 R-NT2RP3002512//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R10
 7.2 IN CHROMOSOME III [C.elegans]//3.2e-90:526:90//Hs.8083:AA521436
 R-NT2RP3002529//ESTs, Highly similar to PUTATIVE VACUOLAR PROTEIN SORTI
 NG-ASSOCIATED PROTEIN C2G11.03C [Schizosaccharomyces pombe]//3.8e-101:49
 7:96//Hs.6650:AA843246
 R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.1
 e-83:438:94//Hs.19542:AB018272
 R-NT2RP3002549//ESTs//3.8e-98:493:96//Hs.7358:AA191673

R-NT2RP3002566//Homo sapiens calcium-activated potassium channel (KCNN3)
 mRNA, complete cds//0.14:184:63//Hs.89230:AF031815
 R-NT2RP3002587//Homo sapiens KIAA0420 mRNA, complete cds//2.0e-18:138:78
 //Hs.129883:AB007880
 R-NT2RP3002590//ESTs//2.9e-51:290:93//Hs.162942:AI243850
 R-NT2RP3002602//Homo sapiens stannin mRNA, complete cds//5.5e-06:58:100/
 /Hs.76691:AF070673
 R-NT2RP3002603
 R-NT2RP3002631//ESTs//4.8e-54:367:85//Hs.13109:AA192514
 R-NT2RP3002659//ESTs//5.3e-30:229:85//Hs.152114:AA401365
 R-NT2RP3002660//ESTs//1.9e-88:452:95//Hs.120146:AA708573
 R-NT2RP3002663//EST//3.2e-89:469:95//Hs.105767:AA525172
 R-NT2RP3002671//ESTs, Highly similar to ELONGATION FACTOR 2 [Drosophila
 melanogaster] //5.9e-109:537:97//Hs.19348:AA151678
 R-NT2RP3002682//ESTs//2.3e-98:541:91//Hs.75844:AA115502
 R-NT2RP3002687//ESTs//5.5e-103:498:97//Hs.72782:AA910871
 R-NT2RP3002688//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens] //5.0e-101:524:95//Hs.32580:AI123601
 R-NT2RP3002701//EST//0.87:131:63//Hs.161916:AA483169
 R-NT2RP3002713//ESTs//4.7e-106:542:95//Hs.14479:AA160945
 R-NT2RP3002763//ESTs//1.3e-54:290:94//Hs.142031:AA809159
 R-NT2RP3002770//ESTs//0.047:275:61//Hs.122984:AA526973
 R-NT2RP3002785//ESTs//2.4e-52:255:99//Hs.132959:AI376958
 R-NT2RP3002799//EST//8.2e-61:321:94//Hs.140992:R71377
 R-NT2RP3002810//EST//0.19:116:68//Hs.121810:AA775240
 R-NT2RP3002818//ESTs//1.3e-109:531:98//Hs.58924:AI348080
 R-NT2RP3002861//ESTs//2.5e-84:429:95//Hs.23920:AA909678
 R-NT2RP3002869//EST//0.00011:116:71//Hs.161606:AA019641
 R-NT2RP3002876//ESTs//0.0024:182:63//Hs.117306:AA687262

R-NT2RP3002877//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//8.1e-14:146:72//Hs.129727:AF035587

R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.5e-110:570:95//Hs.6162:AB018314

R-NT2RP3002911//ESTs//3.6e-92:436:99//Hs.143917:AI206286

R-NT2RP3002948//EST//1.0:102:65//Hs.144730:AI191975

R-NT2RP3002953//ESTs//1.8e-107:513:98//Hs.119693:AI201698

R-NT2RP3002955//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.23:563:56//Hs.127338:AB007961

R-NT2RP3002969//ESTs, Weakly similar to LONG-CHAIN-FATTY-ACID--COA LIGASE 1 [Saccharomyces cerevisiae]//2.0e-56:387:86//Hs.144597:W20143

R-NT2RP3002972//ESTs//1.7e-97:502:96//Hs.7274:AA476850

R-NT2RP3002978//ESTs//8.6e-104:498:98//Hs.118923:AA252116

R-NT2RP3002988//EST//1.2e-59:315:94//Hs.157743:AI360553

R-NT2RP3003008//ESTs//1.4e-97:515:94//Hs.6544:AA524423

R-NT2RP3003032//ESTs, Weakly similar to RETROVIRUS-RELATED POLYPROTEIN IN [Mus musculus]//3.0e-100:528:94//Hs.90353:N98551

R-NT2RP3003059//ESTs//1.7e-76:398:95//Hs.102971:W05355

R-NT2RP3003061//ESTs//4.9e-82:414:96//Hs.99603:AI141912

R-NT2RP3003068//ESTs, Weakly similar to M18.3 [C.elegans]//5.9e-83:392:99//Hs.101364:AA534439

R-NT2RP3003071//ESTs//6.3e-85:399:99//Hs.109755:AA180809

R-NT2RP3003078//ESTs//1.0e-98:471:99//Hs.7995:AI359466

R-NT2RP3003101//EST//0.032:235:60//Hs.147920:AI202441

R-NT2RP3003121//ESTs//3.0e-47:238:97//Hs.43559:AI003520

R-NT2RP3003133//EST//1.5e-77:395:96//Hs.142150:AA223982

R-NT2RP3003138//ESTs, Highly similar to KINESIN-LIKE PROTEIN KIF4 [Mus musculus]//3.3e-107:535:96//Hs.27437:AA004208

R-NT2RP3003139//ESTs//2.5e-106:504:98//Hs.106795:AI271632

R-NT2RP3003150//ESTs//1.6e-99:539:91//Hs.46500:AA129774
 R-NT2RP3003157//ESTs//1.5e-114:563:97//Hs.58608:AA081007
 R-NT2RP3003185//ESTs//3.9e-93:443:98//Hs.9741:AI131226
 R-NT2RP3003193//ESTs//2.0e-37:428:71//Hs.33354:AA179944
 R-NT2RP3003197//ESTs//5.8e-56:312:94//Hs.7016:AA215796
 R-NT2RP3003203//EST//0.0073:212:63//Hs.161355:AI422634
 R-NT2RP3003204//ESTs//7.4e-52:253:99//Hs.120146:AA708573
 R-NT2RP3003212//ESTs//1.8e-76:401:95//Hs.29067:N26107
 R-NT2RP3003230//ESTs, Highly similar to CORONIN [Dictyostelium discoide
 um] //2.0e-40:229:93//Hs.17377:AI078151
 R-NT2RP3003242//ESTs//8.3e-97:458:99//Hs.23057:AI290343
 R-NT2RP3003251//ESTs//1.5e-60:320:95//Hs.36495:AA151628
 R-NT2RP3003264//ESTs//2.1e-103:521:95//Hs.4094:AA173960
 R-NT2RP3003278//ESTs//8.2e-109:536:96//Hs.23788:AA524061
 R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//2.4e-102:
 550:93//Hs.11702:L36983
 R-NT2RP3003290//EST//4.3e-27:372:70//Hs.159131:AI384035
 R-NT2RP3003301//ESTs//4.4e-56:285:97//Hs.95370:AA601055
 R-NT2RP3003302//EST//7.2e-10:395:63//Hs.162554:AA584818
 R-NT2RP3003311//ESTs//4.2e-110:538:97//Hs.62180:AI341261
 R-NT2RP3003313//ESTs//2.1e-106:531:96//Hs.22630:C05931
 R-NT2RP3003327//ESTs//4.3e-102:518:95//Hs.120355:AA625445
 R-NT2RP3003330//ESTs//8.6e-104:497:97//Hs.72071:AI125289
 R-NT2RP3003344//ESTs//2.5e-105:494:99//Hs.112188:AA872993
 R-NT2RP3003346//ESTs//1.0:123:69//Hs.116029:AA813102
 R-NT2RP3003353//EST//0.0014:162:68//Hs.149191:AI246155
 R-NT2RP3003377//EST//4.5e-15:119:85//Hs.148129:AA885567
 R-NT2RP3003384//EST//0.0057:86:74//Hs.127735:AA962272
 R-NT2RP3003385//ESTs//0.64:347:59//Hs.5646:W72721

R-NT2RP3003403//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOM
OLOG [H.sapiens]//2.2e-24:418:67//Hs.139488:AI124095

R-NT2RP3003409//ESTs//5.3e-98:479:97//Hs.155198:AA767372

R-NT2RP3003411//ESTs//4.8e-86:416:97//Hs.129059:AA126041

R-NT2RP3003427//ESTs//7.4e-103:510:96//Hs.25303:AA641023

R-NT2RP3003433//ESTs//3.5e-85:405:99//Hs.63131:AA664156

R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete c
ds//3.6e-97:479:96//Hs.14934:AF004828

R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//4.1
e-102:527:93//Hs.26450:AB018268

R-NT2RP3003491//ESTs, Weakly similar to No definition line found [C.eleg
ans]//4.0e-106:549:94//Hs.7886:AI057529

R-NT2RP3003500//Human RP3 mRNA, complete cds//0.66:401:60//Hs.75307:U025
56

R-NT2RP3003543//Human clone A9A2BRB7 (CAC)n/(GTG)n repeat-containing mRN
A//4.1e-33:217:88//Hs.8068:U00952

R-NT2RP3003552//ESTs//3.1e-106:546:94//Hs.101754:AI123430

R-NT2RP3003555//ESTs//3.4e-106:537:95//Hs.85550:AA187681

R-NT2RP3003564

R-NT2RP3003572//ESTs//1.2e-20:122:88//Hs.8253:N48721

R-NT2RP3003576//ESTs//2.7e-71:394:94//Hs.151136:R99944

R-NT2RP3003589//EST//0.58:242:59//Hs.130804:AA894759

R-NT2RP3003625//ESTs//7.6e-41:349:80//Hs.140608:N53448

R-NT2RP3003656//Human LIM protein (LPP) mRNA, partial cds//0.26:222:60//
Hs.17217:U49957

R-NT2RP3003659//ESTs//2.0e-113:547:97//Hs.23389:AA769310

R-NT2RP3003665//ESTs//1.6e-80:415:95//Hs.141084:H11714

R-NT2RP3003672

R-NT2RP3003686//ESTs//6.8e-114:552:97//Hs.43299:N23036

R-NT2RP3003701//ESTs//2.1e-16:282:66//Hs.115512:AI208768
 R-NT2RP3003716//ESTs//2.1e-45:195:91//Hs.41296:N71923
 R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//5.
 6e-103:492:97//Hs.48513:AB018300
 R-NT2RP3003746//ESTs//1.9e-85:411:98//Hs.54835:AI050863
 R-NT2RP3003795//EST//6.2e-97:459:99//Hs.134769:AI089747
 R-NT2RP3003799//ESTs//2.8e-62:337:94//Hs.124023:H18913
 R-NT2RP3003800//PROTO-ONCOGENE TYROSINE-PROTEIN KINASE SRC//8.9e-108:551
 :95//Hs.115742:AF077754
 R-NT2RP3003805//ESTs//2.2e-103:490:99//Hs.9412:W72446
 R-NT2RP3003809//ESTs, Highly similar to SAV PROTEIN [Sulfolobus acidoca
 ldarius]//3.4e-89:456:95//Hs.5555:AI285198
 R-NT2RP3003819//Interleukin 10//3.3e-43:173:89//Hs.2180:M57627
 R-NT2RP3003825//ESTs//1.6e-66:485:80//Hs.7405:W27761
 R-NT2RP3003828//ESTs, Weakly similar to unknown [H.sapiens]//9.6e-98:511
 :95//Hs.26955:AI333224
 R-NT2RP3003831//ESTs//2.2e-38:317:79//Hs.142173:AA757743
 R-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//5.2e-
 110:541:97//Hs.25300:AF070611
 R-NT2RP3003842//EST//9.9e-44:506:70//Hs.139093:AA166888
 R-NT2RP3003846//ESTs//4.6e-10:66:100//Hs.74924:AI332962
 R-NT2RP3003870//ESTs//3.4e-82:449:92//Hs.122691:AA152298
 R-NT2RP3003876//ESTs//1.9e-89:449:96//Hs.45046:N40170
 R-NT2RP3003914//ESTs//1.3e-99:470:98//Hs.118966:AA926726
 R-NT2RP3003918//ESTs//1.3e-79:417:94//Hs.5005:W25933
 R-NT2RP3003932//ESTs//6.0e-83:427:94//Hs.93581:H50221
 R-NT2RP3003989//ESTs//4.8e-76:403:93//Hs.127243:W80409
 R-NT2RP3003992//ESTs//2.4e-88:508:90//Hs.134200:D19593
 R-NT2RP3004013//ESTs//3.7e-111:551:97//Hs.105108:AA781142

R-NT2RP3004016//ESTs//1.7e-81:394:98//Hs.63368:AA613714
R-NT2RP3004041
R-NT2RP3004051//ESTs//3.5e-69:386:93//Hs.51347:T72820
R-NT2RP3004070//ESTs//5.5e-108:552:95//Hs.23392:AI310139
R-NT2RP3004078//ESTs//3.3e-82:443:93//Hs.26407:W45387
R-NT2RP3004093//ESTs//4.4e-83:426:94//Hs.140932:AI262104
R-NT2RP3004095//ESTs//0.00013:93:78//Hs.36567:AA262045
R-NT2RP3004110//ESTs, Weakly similar to similar to oxysterol-binding proteins: partial CDS [C.elegans] //3.5e-76:402:95//Hs.55847:W31092
R-NT2RP3004125//ESTs//9.3e-74:363:97//Hs.32988:C01696
R-NT2RP3004145//ESTs//2.6e-96:451:99//Hs.59584:AA587334
R-NT2RP3004148//ESTs//1.3e-10:77:92//Hs.135890:AI183425
R-NT2RP3004155//ESTs//1.7e-110:558:96//Hs.27003:AI279093
R-NT2RP3004206//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila melanogaster] //1.8e-40:200:100//Hs.26089:AA195126
R-NT2RP3004207//ESTs, Weakly similar to gene SEZ-6 [M.musculus] //1.1e-41:266:89//Hs.6314:AA522619
R-NT2RP3004209//ESTs, Highly similar to PUTATIVE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE C13A11.04C [Schizosaccharomyces pombe] //3.7e-112:547:97//Hs.99819:AI346680
R-NT2RP3004215//ESTs//1.1e-103:541:95//Hs.124918:N64794
R-NT2RP3004242//ESTs//4.5e-105:524:96//Hs.29724:N46252
R-NT2RP3004246//EST//1.9e-07:67:91//Hs.125687:AA884827
R-NT2RP3004253//EST//2.9e-88:454:94//Hs.127713:AA961628
R-NT2RP3004258//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR SRP75 [Homo sapiens] //1.6e-89:468:95//Hs.5117:AA831530
R-NT2RP3004262//ESTs//4.1e-86:443:96//Hs.101393:T87623
R-NT2RP3004334//EST//0.00057:206:63//Hs.149388:AI273630
R-NT2RP3004341//EST//0.00042:151:68//Hs.148498:AI200264

R-NT2RP3004348//Homo sapiens LIM protein mRNA, complete cds//5.9e-61:299
 :85//Hs.154103:AF061258
 R-NT2RP3004349//EST//3.6e-42:175:88//Hs.161917:AA483223
 R-NT2RP3004378//ESTs//0.27:294:60//Hs.66479:AA863044
 R-NT2RP3004399//ESTs//5.8e-99:479:98//Hs.120234:AA732224
 R-NT2RP3004424//EST, Highly similar to F21G4.6 [C.elegans]//0.30:253:58/
 /Hs.97184:AA385934
 R-NT2RP3004428//ESTs//2.8e-48:279:91//Hs.106826:W25985
 R-NT2RP3004451//ESTs//4.8e-101:509:96//Hs.29725:W74621
 R-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//9.
 3e-108:526:98//Hs.27349:AB007917
 R-NT2RP3004466//ESTs//0.25:51:90//Hs.7778:AA195616
 R-NT2RP3004470//EST//0.032:70:71//Hs.147925:AI249332
 R-NT2RP3004472//ESTs//0.0069:430:59//Hs.116651:AA993406
 R-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//5.0
 e-107:521:97//Hs.5003:AB007925
 R-NT2RP3004480
 R-NT2RP3004490//ESTs//4.7e-68:354:95//Hs.163721:H42504
 R-NT2RP3004498//ESTs, Moderately similar to ORF2: function unknown [H.sa
 piens]//3.4e-100:508:95//Hs.47393:AA218858
 R-NT2RP3004503//ESTs//4.6e-90:478:93//Hs.133998:AA994735
 R-NT2RP3004504//ESTs, Highly similar to cytoplasmic polyadenylation elem
 ent-binding protein [M.musculus]//1.8e-83:465:92//Hs.137064:AA318257
 R-NT2RP3004507//ESTs//1.5e-98:495:96//Hs.128905:AI051971
 R-NT2RP3004527//EST//1.6e-109:535:97//Hs.149481:AI279865
 R-NT2RP3004534
 R-NT2RP3004544//EST//0.035:226:60//Hs.99195:AA449232
 R-NT2RP3004566//ESTs//4.1e-86:455:95//Hs.13110:T67461
 R-NT2RP3004569//ESTs//2.9e-94:493:94//Hs.24948:AA977674

R-NT2RP3004572//ESTs//1.1e-92:437:99//Hs.24846:AI420493
 R-NT2RP3004578//ESTs//0.98:166:64//Hs.124593:AA854456
 R-NT2RP3004594//EST//5.8e-89:426:98//Hs.134213:AI080213
 R-NT2RP3004617//ESTs//1.4e-40:226:85//Hs.15921:R71157
 R-NT2RP3004618//ESTs//1.8e-38:229:90//Hs.125153:AA453723
 R-NT2RP3004670//Homo sapiens GN6ST mRNA for long form of N-acetylglucosa
 mine-6-O-sulfotransferase (GlcNAc6ST), complete cds//7.2e-57:291:95//Hs.
 8786:AB014680
 R-NT2RP4000008//ESTs//8.9e-119:561:98//Hs.25035:AI123335
 R-NT2RP4000023//EST//1.2e-34:271:80//Hs.98300:AA418560
 R-NT2RP4000035//Small inducible cytokine A5 (RANTES)//2.1e-68:320:82//Hs
 .155464:AF088219
 R-NT2RP4000049//Homo sapiens TRAIL receptor 2 mRNA, complete cds//6.7e-6
 0:289:82//Hs.51233:AF016266
 R-NT2RP4000051//ESTs, Weakly similar to protein B [H.sapiens]//8.3e-98:4
 62:99//Hs.10114:AI345945
 R-NT2RP4000078//ESTs//0.00068:367:60//Hs.106090:AA457030
 R-NT2RP4000102//ESTs//9.7e-50:256:97//Hs.24266:R28287
 R-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//1.1e-107:536:9
 6//Hs.57929:AB011538
 R-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//3.5
 e-112:554:97//Hs.64691:AB007952
 R-NT2RP4000147//ESTs//3.9e-11:122:80//Hs.25584:AA632014
 R-NT2RP4000150//EST//4.4e-84:510:88//Hs.144238:W52294
 R-NT2RP4000151//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R10
 7.2 IN CHROMOSOME III [C.elegans]//5.7e-93:515:92//Hs.8083:AA521436
 R-NT2RP4000159//ESTs//0.0019:209:65//Hs.161816:AA400295
 R-NT2RP4000167//ESTs//2.1e-113:549:97//Hs.109441:N66569
 R-NT2RP4000185//ESTs//0.65:232:59//Hs.144445:AA807257

R-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds//1.5e-100:505:96//Hs.13999:AB014600

R-NT2RP4000212//ESTs//8.5e-14:169:75//Hs.8520:AA081788

R-NT2RP4000214//Human mRNA for KIAA0392 gene, partial cds//6.2e-43:272:90//Hs.40100:AB002390

R-NT2RP4000218//ESTs//6.1e-10:335:64//Hs.105658:AA978185

R-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP) //2.9e-70:354:96//Hs.155481:AJ006470

R-NT2RP4000246//ESTs//7.1e-26:154:94//Hs.14838:AA502757

R-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence//9.3e-79:379:99//Hs.43728:AF091092

R-NT2RP4000263

R-NT2RP4000290//ESTs, Weakly similar to similar to Achlya ambisexualis antheridiol steroid receptor [C.elegans] //4.7e-104:525:96//Hs.152069:AA548972

R-NT2RP4000312//ESTs//8.2e-66:319:99//Hs.35091:AI271631

R-NT2RP4000321//Homo sapiens clone 24453 mRNA sequence//1.3e-109:513:99//Hs.13410:AF070524

R-NT2RP4000323//ESTs//7.7e-109:534:97//Hs.34790:AA192760

R-NT2RP4000355//ESTs//3.1e-44:320:83//Hs.141323:N80390

R-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds//7.6e-111:520:99//Hs.107479:AB018281

R-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//2.8e-110:527:98//Hs.31323:AF044195

R-NT2RP4000370//ESTs//8.9e-32:166:98//Hs.70488:AI301130

R-NT2RP4000376//ESTs//6.8e-99:465:99//Hs.27182:AA604498

R-NT2RP4000381//ESTs//3.0e-50:280:93//Hs.8395:W27376

R-NT2RP4000415//ESTs, Weakly similar to coded for by C. elegans cDNA yk30b3.5 [C.elegans] //3.9e-87:499:91//Hs.26156:AA630975

R-NT2RP4000417//ESTs, Moderately similar to HYPOTHETICAL 91.2 KD PROTEIN IN RPS7A-SCH9 INTERGENIC REGION [*Saccharomyces cerevisiae*]//8.9e-95:468:96//Hs.93871:AI191318

R-NT2RP4000424//ESTs//3.7e-98:473:98//Hs.24945:AI189011

R-NT2RP4000448//ESTs//2.6e-79:446:91//Hs.25159:R60955

R-NT2RP4000449//ESTs//3.6e-98:468:98//Hs.31176:AI037953

R-NT2RP4000455//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//0.35:153:63//Hs.113286:U77783

R-NT2RP4000457//ESTs//4.5e-89:455:96//Hs.62638:AA127740

R-NT2RP4000480//ESTs//4.9e-92:431:99//Hs.121072:AI204167

R-NT2RP4000481

R-NT2RP4000500//ESTs, Weakly similar to HYPOTHETICAL 83.6 KD PROTEIN R05 D3.2 IN CHROMOSOME III [*C.elegans*]//1.2e-40:125:97//Hs.56124:AI424792

R-NT2RP4000515//EST//6.7e-30:183:90//Hs.150710:AI122713

R-NT2RP4000517//Aldehyde dehydrogenase 7//7.5e-28:183:76//Hs.83155:U10868

R-NT2RP4000518//EST//0.091:178:58//Hs.133031:AI049874

R-NT2RP4000519

R-NT2RP4000524//ESTs, Highly similar to rsec8 [*R.norvegicus*]//3.4e-93:496:93//Hs.107394:H07126

R-NT2RP4000528//EST//0.84:130:66//Hs.140208:AA702213

R-NT2RP4000541//EST//5.2e-63:337:94//Hs.156337:AI337328

R-NT2RP4000556//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L11 [*R.norvegicus*]//8.2e-92:448:98//Hs.25597:H93026

R-NT2RP4000588//ESTs//3.8e-94:445:98//Hs.44077:N28840

R-NT2RP4000614//ESTs//6.5e-18:159:83//Hs.24549:N57263

R-NT2RP4000638//ESTs//2.5e-46:296:87//Hs.132722:AA618531

R-NT2RP4000648//ESTs//2.6e-103:559:93//Hs.23794:W80393

R-NT2RP4000657//ESTs//1.0:189:60//Hs.87073:AA972704

R-NT2RP4000704//ESTs//2.8e-101:509:96//Hs.84824:AA935651
 R-NT2RP4000724//ESTs//1.5e-83:442:94//Hs.142114:AA205615
 R-NT2RP4000728//ESTs//0.84:61:75//Hs.145334:AI251399
 R-NT2RP4000739//ESTs//8.8e-80:418:94//Hs.42959:N21211
 R-NT2RP4000781//ESTs//1.4e-79:376:99//Hs.135458:AI081312
 R-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//3.
 1e-106:550:94//Hs.25132:AB007939
 R-NT2RP4000833//ESTs//5.8e-46:309:85//Hs.163979:AA828834
 R-NT2RP4000837//ESTs//1.7e-112:539:97//Hs.97718:AI334028
 R-NT2RP4000855//ESTs//1.1e-95:486:95//Hs.5345:AA988104
 R-NT2RP4000865//EST//6.2e-68:412:89//Hs.142196:AA258356
 R-NT2RP4000878//ESTs//1.9e-80:417:95//Hs.104716:AI023185
 R-NT2RP4000879//ESTs//1.8e-42:211:99//Hs.89991:AI374617
 R-NT2RP4000907//ESTs//1.2e-89:453:97//Hs.100182:N92594
 R-NT2RP4000915//EST//9.4e-06:197:63//Hs.145970:AI277106
 R-NT2RP4000925//ESTs, Weakly similar to KIAA0405 [H.sapiens]//5.9e-17:13
 4:85//Hs.14146:W92235
 R-NT2RP4000927//ESTs//4.3e-14:84:100//Hs.155360:AA984683
 R-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA,
 partial cds//8.2e-108:548:95//Hs.24812:AF069532
 R-NT2RP4000929//ESTs//1.3e-119:567:98//Hs.62717:AA044905
 R-NT2RP4000955//ESTs//3.5e-10:119:78//Hs.42946:N21111
 R-NT2RP4000973//ESTs//2.8e-05:93:69//Hs.155126:AA563986
 R-NT2RP4000975//ESTs//4.4e-58:324:95//Hs.126070:AA045179
 R-NT2RP4000979//ESTs//3.5e-42:468:73//Hs.106210:AI193017
 R-NT2RP4000984//Homo sapiens clone 23770 mRNA sequence//8.7e-120:570:98/
 /Hs.12457:AF052123
 R-NT2RP4000989//ESTs//1.3e-122:581:98//Hs.10499:AA528018
 R-NT2RP4000996//ESTs//9.2e-113:579:94//Hs.23762:N26620

R-NT2RP4000997//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.1e-28:439:68//Hs.129735:AF010144

R-NT2RP4001004//ESTs//3.6e-78:389:98//Hs.156290:AI016769

R-NT2RP4001006//ESTs, Moderately similar to ORF2: function unknown [H.sapiens]//6.6e-124:574:99//Hs.47393:AA218858

R-NT2RP4001010//EST//2.8e-31:194:90//Hs.161186:AI418635

R-NT2RP4001029//ESTs//4.4e-111:523:99//Hs.28423:AI336292

R-NT2RP4001041//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC [Saccharomyces cerevisiae]//3.6e-114:569:96//Hs.6762:AA088424

R-NT2RP4001057//Homo sapiens KIAA0399 mRNA, partial cds//2.0e-51:282:94//Hs.100955:AB007859

R-NT2RP4001064//ESTs, Weakly similar to protein B [H.sapiens]//2.1e-103:485:99//Hs.10114:AI345945

R-NT2RP4001078

R-NT2RP4001079//Homo sapiens mRNA for putative Ca²⁺-transporting ATPase, partial//1.7e-119:569:98//Hs.106778:AJ010953

R-NT2RP4001080//ESTs//7.6e-10:65:100//Hs.131694:AA927668

R-NT2RP4001086//Homo sapiens mRNA for KIAA0592 protein, partial cds//5.9e-121:548:95//Hs.13273:AB011164

R-NT2RP4001095//ESTs//1.5e-113:563:96//Hs.118732:AI344055

R-NT2RP4001100//ESTs//2.0e-46:413:79//Hs.146314:R99617

R-NT2RP4001117//EST//7.4e-51:294:92//Hs.7260:T23737

R-NT2RP4001122//ESTs//5.4e-109:509:99//Hs.16390:AI052357

R-NT2RP4001126//EST//0.97:169:61//Hs.148107:AA693476

R-NT2RP4001138//ESTs//3.0e-110:543:97//Hs.57655:AI056890

R-NT2RP4001143//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//5.4e-113:573:96//Hs.5249:U55977

R-NT2RP4001148//ESTs//3.1e-103:490:98//Hs.121282:AI091453

R-NT2RP4001149//EST//1.7e-50:281:93//Hs.101727:H16171
 R-NT2RP4001150//ESTs//1.9e-90:422:100//Hs.125490:AI138884
 R-NT2RP4001159
 R-NT2RP4001174//ESTs//2.5e-110:526:98//Hs.116555:AA639278
 R-NT2RP4001206//ESTs//1.1e-25:140:97//Hs.83756:AI002822
 R-NT2RP4001207//ESTs//4.4e-70:432:89//Hs.13109:AA192514
 R-NT2RP4001210//ESTs//1.4e-108:509:99//Hs.27021:AI359495
 R-NT2RP4001213//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [Homo sapiens] //4.4e-123:624:95//Hs.22744:AI379892
 R-NT2RP4001219//ESTs//0.0043:142:65//Hs.6733:AI160750
 R-NT2RP4001228//ESTs//4.9e-101:482:98//Hs.62684:AA806103
 R-NT2RP4001235//ESTs//3.7e-105:571:93//Hs.37706:AA005120
 R-NT2RP4001256//ESTs//1.1e-12:189:74//Hs.20621:W28255
 R-NT2RP4001260//EST//6.9e-05:313:61//Hs.116438:AA648430
 R-NT2RP4001274//EST//0.0020:246:63//Hs.149955:AI289933
 R-NT2RP4001276//ESTs//2.9e-34:213:91//Hs.43100:AA186588
 R-NT2RP4001313
 R-NT2RP4001315//EST//6.1e-38:217:93//Hs.97832:AA400892
 R-NT2RP4001339//ESTs//3.8e-91:430:99//Hs.34840:AI279612
 R-NT2RP4001345//ESTs//5.3e-89:443:96//Hs.6770:AA972732
 R-NT2RP4001351//ESTs//6.0e-78:394:97//Hs.102796:N70837
 R-NT2RP4001353//ESTs//4.8e-06:90:82//Hs.7778:AA195616
 R-NT2RP4001372
 R-NT2RP4001373//ESTs, Weakly similar to HYPOTHETICAL 48.8 KD PROTEIN IN TRK2-MRS4 INTERGENIC REGION [Saccharomyces cerevisiae] //1.7e-108:546:96//Hs.32271:AA203680
 R-NT2RP4001375//ESTs//2.4e-19:155:87//Hs.62119:AA043299
 R-NT2RP4001379//EST//4.4e-29:288:72//Hs.157848:AI362501
 R-NT2RP4001389//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN

PAP1-MRPL13 INTERGENIC REGION [*Saccharomyces cerevisiae*]//3.8e-79:438:9
 3//Hs.21938:W81045
 R-NT2RP4001407//ESTs//8.3e-112:541:97//Hs.22587:AA743132
 R-NT2RP4001414//ESTs//8.6e-18:117:90//Hs.90789:W27649
 R-NT2RP4001433//ESTs, Moderately similar to PROHIBITIN [*H.sapiens*]//1.6e-102:498:97//Hs.62386:AA512948
 R-NT2RP4001442//ESTs//8.8e-104:489:99//Hs.101619:AI339433
 R-NT2RP4001447
 R-NT2RP4001474
 R-NT2RP4001483//ESTs//2.1e-100:528:92//Hs.17860:AA706655
 R-NT2RP4001498//ESTs//1.1e-97:470:98//Hs.95744:AI392846
 R-NT2RP4001502//ESTs//6.7e-73:382:96//Hs.11874:N93511
 R-NT2RP4001507//ESTs//2.6e-57:302:96//Hs.65328:AA625385
 R-NT2RP4001524//ESTs, Weakly similar to F13B12.1 [*C.elegans*]//2.9e-107:546:96//Hs.5570:AI377863
 R-NT2RP4001529//ESTs//3.3e-112:524:99//Hs.28423:AI336292
 R-NT2RP4001547//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE C HAIN 5 [*Paramecium tetraurelia*]//2.8e-120:566:98//Hs.108530:AA523928
 R-NT2RP4001551//ESTs, Weakly similar to CELL DIVISION CONTROL PROTEIN 68 [*S.cerevisiae*]//1.4e-26:184:88//Hs.136189:AA133224
 R-NT2RP4001555//ESTs//1.1e-95:445:100//Hs.134403:AA677552
 R-NT2RP4001567//ESTs//2.8e-106:506:98//Hs.102708:AA292285
 R-NT2RP4001568//ESTs//6.4e-55:300:94//Hs.57442:N63437
 R-NT2RP4001571//ESTs//1.3e-114:556:97//Hs.30340:AA521251
 R-NT2RP4001574//ESTs//0.0035:120:67//Hs.96339:AA225906
 R-NT2RP4001575
 R-NT2RP4001592//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [*S.cerevisiae*]//8.7e-112:557:97//Hs.7558:AA526812
 R-NT2RP4001610//ESTs//6.2e-77:382:96//Hs.21543:AA166776

R-NT2RP4001614//ESTs//2.8e-117:565:98//Hs.9591:AA069657
 R-NT2RP4001634//ESTs//2.0e-39:213:96//Hs.32360:AA534737
 R-NT2RP4001638//Homo sapiens clone 23967 unknown mRNA, partial cds//1.7e-116:559:97//Hs.5332:AF007151
 R-NT2RP4001644//ESTs, Moderately similar to MNK1 [H.sapiens]//5.3e-36:192:97//Hs.5662:AA868361
 R-NT2RP4001656//ESTs, Highly similar to HYPOTHETICAL 108.5 KD PROTEIN R06F6.2 IN CHROMOSOME II [Caenorhabditis elegans]//1.1e-104:525:96//Hs.20472:W28734
 R-NT2RP4001677//ESTs//1.8e-106:522:97//Hs.106390:AA156805
 R-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence//5.7e-118:583:96//Hs.15562:U96629
 R-NT2RP4001725//ESTs//2.0e-11:141:74//Hs.117589:N25941
 R-NT2RP4001730//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR [D.melanogaster]//3.4e-73:362:97//Hs.152332:AI141922
 R-NT2RP4001739//ESTs//6.6e-59:340:91//Hs.122293:AA843692
 R-NT2RP4001753//Zinc finger protein 3 (A8-51)//5.6e-113:552:96//Hs.2481:X78926
 R-NT2RP4001760//ESTs//2.5e-94:453:98//Hs.122579:AA766315
 R-NT2RP4001790//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//2.0e-62:326:94//Hs.110839:W28098
 R-NT2RP4001803
 R-NT2RP4001822//ESTs//4.4e-98:526:92//Hs.96908:AI161133
 R-NT2RP4001823//ESTs//1.7e-72:357:97//Hs.144900:AI218434
 R-NT2RP4001828//ESTs//3.3e-101:536:92//Hs.18851:AA857826
 R-NT2RP4001838//ESTs//4.2e-58:344:90//Hs.48723:N66663
 R-NT2RP4001849//EST//0.24:105:71//Hs.136747:AA749210
 R-NT2RP4001889//Human mRNA for KIAA0118 gene, partial cds//3.4e-34:212:8

8//Hs.154326:D42087

R-NT2RP4001893//ESTs//3.0e-58:321:95//Hs.158787:W79602

R-NT2RP4001896//EST//3.8e-15:108:92//Hs.160835:AI345528

R-NT2RP4001901//ESTs//1.2e-110:536:97//Hs.31443:AI018606

R-NT2RP4001927//ESTs//2.1e-105:546:93//Hs.73291:AI417099

R-NT2RP4001938//ESTs//2.8e-40:235:78//Hs.163641:R61848

R-NT2RP4001946//ESTs//1.3e-29:175:93//Hs.43703:AA088436

R-NT2RP4001950//ESTs//4.6e-95:458:98//Hs.150890:AI341793

R-NT2RP4001953//Clathrin, light polypeptide (Lcb)//2.3e-62:310:82//Hs.73
919:X81637

R-NT2RP4001966//ESTs, Weakly similar to tenascin-like protein [D.melanog
aster]//8.3e-87:457:94//Hs.41793:AA775879

R-NT2RP4001975//ESTs//1.9e-52:281:94//Hs.7704:W58252

R-NT2RP4002018

R-NT2RP4002047//ESTs, Highly similar to GTP-BINDING PROTEIN LEPA [Pseud
omonas fluorescens]//4.7e-09:90:86//Hs.41127:AA555184

R-NT2RP4002052//ESTs//0.054:353:60//Hs.117510:AA903738

R-NT2RP4002058//EST//7.8e-26:151:94//Hs.124617:AA855106

R-NT2RP4002071//ESTs//6.9e-99:475:98//Hs.29216:AA916679

R-NT2RP4002075//ESTs//0.67:121:65//Hs.153939:AI284198

R-NT2RP4002078//ESTs, Highly similar to ZINC FINGER PROTEIN 35 [Homo sa
piens]//1.6e-61:464:82//Hs.144228:N99507

R-NT2RP4002081//ESTs, Weakly similar to HYPOTHETICAL 139.1 KD PROTEIN CO
8B11.3 IN CHROMOSOME II [C.elegans]//2.3e-56:271:100//Hs.6185:AA428565

R-NT2RP4002083//ESTs//2.0e-108:548:96//Hs.6120:W80407

R-NT2RP4002408//ESTs//2.6e-77:391:96//Hs.14014:AA745592

R-NT2RP4002791//ESTs//7.9e-101:527:93//Hs.22394:N32555

R-NT2RP4002888//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen n
ecrosis virus]//1.9e-65:373:92//Hs.31532:H18272

R-NT2RP4002905//ESTs//1.5e-107:517:98//Hs.40460:N36090
 R-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds//2.8
 e-115:605:94//Hs.108258:AB007934
 R-OVARC1000004
 R-OVARC1000006//ESTs//1.5e-19:139:89//Hs.143034:AI126929
 R-OVARC1000013//ESTs//5.9e-98:531:93//Hs.16470:AA121635
 R-OVARC1000014//ESTs//0.24:243:60//Hs.19569:AA464273
 R-OVARC1000017
 R-OVARC1000035//ESTs//0.035:252:63//Hs.134123:AI078286
 R-OVARC1000058//H.sapiens mRNA for translin associated protein X//3.8e-4
 6:331:83//Hs.96247:X95073
 R-OVARC1000060//EST//2.8e-28:348:71//Hs.141728:W73041
 R-OVARC1000068//ESTs//3.0e-83:491:90//Hs.29397:N51367
 R-OVARC1000071//ESTs//2.5e-60:321:96//Hs.25010:R67871
 R-OVARC1000085//Proteasome component C5//8.6e-67:366:92//Hs.75748:AL0312
 59
 R-OVARC1000087//ESTs//1.0e-111:526:98//Hs.129020:AI380703
 R-OVARC1000091//ESTs, Weakly similar to HOST CELL FACTOR C1 [H.sapiens] /
 /3.9e-112:596:94//Hs.20597:W58370
 R-OVARC1000092//ESTs//5.1e-18:144:82//Hs.109140:AI289942
 R-OVARC1000106
 R-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
 -18) mRNA, complete cds//8.3e-102:495:97//Hs.3688:AF069250
 R-OVARC1000114//H.sapiens mRNA for phosphoinositide 3-kinase//1.7e-45:48
 9:74//Hs.101238:Y11312
 R-OVARC1000133//EST//0.00028:284:61//Hs.30547:H05482
 R-OVARC1000145//EST//3.9e-40:201:99//Hs.156148:AI333214
 R-OVARC1000148//EST//0.79:150:62//Hs.100078:T05090
 R-OVARC1000151

R-OVARC1000168//EST//1.7e-19:142:90//Hs.38441:H66023
 R-OVARC1000191//EST//0.0072:292:63//Hs.132492:AA922629
 R-OVARC1000198//Homo sapiens LIM protein mRNA, complete cds//6.1e-44:339
 :81//Hs.154103:AF061258
 R-OVARC1000209//ESTs, Moderately similar to ZINC FINGER PROTEIN 93 [H.sapiens]//1.1e-32:196:92//Hs.64322:AA142864
 R-OVARC1000212//EST//0.20:178:61//Hs.133031:AI049874
 R-OVARC1000240//ESTs//9.0e-64:314:98//Hs.42300:AA204958
 R-OVARC1000241//EST//0.00018:115:68//Hs.150728:AI123130
 R-OVARC1000288//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN IN CDC12-ORC6 INTERGENIC REGION [Saccharomyces cerevisiae]//3.3e-74:403:93//Hs.108117:AI097079
 R-OVARC1000302//EST//4.0e-14:102:90//Hs.136617:AA630476
 R-OVARC1000304//ESTs, Highly similar to PUTATIVE GTP-BINDING PROTEIN MO V10 [Mus musculus]//2.9e-37:191:98//Hs.20725:AI027777
 R-OVARC1000309//ESTs//3.6e-66:348:94//Hs.9547:AA532449
 R-OVARC1000321//ESTs//3.6e-87:454:95//Hs.110445:AA044743
 R-OVARC1000326//ESTs, Moderately similar to lamina associated polypeptide 1C [R.norvegicus]//1.3e-98:488:96//Hs.125749:AI377682
 R-OVARC1000335//ESTs//3.0e-115:565:97//Hs.54835:AI050863
 R-OVARC1000347//EST//0.0018:145:65//Hs.136945:AA765672
 R-OVARC1000384//ESTs//2.8e-38:253:89//Hs.15093:AA203423
 R-OVARC1000408//ESTs//2.6e-98:515:94//Hs.119808:C05928
 R-OVARC1000411//ESTs//3.2e-82:395:98//Hs.104747:AA406219
 R-OVARC1000414//Landsteiner-Wiener blood group glycoprotein//1.5e-27:211:79//Hs.108287:L27670
 R-OVARC1000420//EST//2.8e-38:255:74//Hs.138525:R99237
 R-OVARC1000427//EST//2.6e-58:302:96//Hs.122914:AA767034
 R-OVARC1000431//ESTs//4.9e-108:551:96//Hs.11668:AI123426

R-OVARC1000437

R-OVARC1000440//ESTs//2.9e-91:456:96//Hs.93701:AI018671

R-OVARC1000442//Human high-affinity copper uptake protein (hCTR1) mRNA,
complete cds//4.3e-45:320:84//Hs.73614:U83460

R-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds//3.
6e-79:418:94//Hs.12334:AB014583

R-OVARC1000461//ESTs//3.1e-62:342:93//Hs.23241:R46582

R-OVARC1000465//ESTs//1.7e-67:349:95//Hs.127238:AA477576

R-OVARC1000466//ESTs//1.9e-66:337:95//Hs.5212:AI421211

R-OVARC1000473//ESTs//5.4e-89:320:99//Hs.29173:AA134926

R-OVARC1000479//ESTs, Highly similar to TIP120 [R.norvegicus]//1.1e-102:
514:96//Hs.11833:AI299947

R-OVARC1000486//ESTs//3.9e-78:405:95//Hs.98312:AA424983

R-OVARC1000496

R-OVARC1000520//ESTs//1.2e-20:145:88//Hs.87456:AA434484

R-OVARC1000526//Small inducible cytokine A5 (RANTES)//8.9e-47:217:87//Hs.
.155464:AF088219

R-OVARC1000533//ESTs, Moderately similar to integrase [H.sapiens]//8.5e-
48:264:92//Hs.49860:AA702248

R-OVARC1000543//ESTs//5.7e-74:410:94//Hs.62817:AA047021

R-OVARC1000556//H.sapiens mRNA for ribosomal S6 kinase//9.5e-27:202:85//
Hs.90859:X85106

R-OVARC1000557//EST//2.8e-18:169:79//Hs.149101:AI244285

R-OVARC1000564//EST//2.3e-34:199:92//Hs.146637:AI141587

R-OVARC1000573//Interleukin 10//4.7e-42:300:83//Hs.2180:M57627

R-OVARC1000578//Small inducible cytokine A5 (RANTES)//5.2e-58:392:84//Hs.
.155464:AF088219

R-OVARC1000588//EST//1.8e-41:174:85//Hs.163333:AA879053

R-OVARC1000605

R-OVARC1000622//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0501//6.4e-47:417:77//Hs.159897:AB007970

R-OVARC1000640//H.sapiens mRNA for translin associated protein X//1.9e-2
8:366:72//Hs.96247:X95073

R-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds//5.
1e-31:162:100//Hs.111862:AB011162

R-OVARC1000678//EST//0.92:199:60//Hs.122025:AA778480

R-OVARC1000679//ESTs//0.94:416:59//Hs.130754:AA279522

R-OVARC1000681//EST//9.2e-21:179:80//Hs.132635:AI032875

R-OVARC1000689//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.053:1
60:64//Hs.108447:AJ000517

R-OVARC1000700//Homo sapiens KIAA0441 mRNA, complete cds//7.1e-09:141:73
//Hs.32511:AB007901

R-OVARC1000703//ESTs//1.7e-46:298:87//Hs.138856:H47461

R-OVARC1000730//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]
//1.7e-17:137:86//Hs.7049:AI141736

R-OVARC1000746//ESTs//0.16:366:60//Hs.136969:AA830918

R-OVARC1000769//ESTs, Weakly similar to eukaryotic initiation factor eIF
-2 alpha kinase [D.melanogaster]//4.6e-28:430:69//Hs.42457:AA523306

R-OVARC1000771//ESTs//1.3e-87:461:94//Hs.22399:AA531016

R-OVARC1000781//ESTs//8.3e-119:572:97//Hs.41972:AA626793

R-OVARC1000787//ESTs//7.4e-18:115:93//Hs.164036:AA845659

R-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR//4.9e-19:119:9
5//Hs.3069:L11066

R-OVARC1000802//ESTs//2.2e-41:383:78//Hs.161228:AI419764

R-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC//1.
2e-106:536:95//Hs.61628:Y17711

R-OVARC1000846//Clathrin, light polypeptide (Lcb)//1.6e-66:282:87//Hs.73
919:X81637

R-OVARC1000850//Homo sapiens PB39 mRNA, complete cds//1.2e-115:579:96//Hs.18910:AF045584

R-OVARC1000862//ESTs//4.3e-14:129:81//Hs.150663:AA923096

R-OVARC1000876//ESTs//1.0e-115:573:96//Hs.87287:AI150674

R-OVARC1000883//ESTs//3.5e-109:523:98//Hs.28423:AI336292

R-OVARC1000885//ESTs, Highly similar to HYPOTHETICAL OXIDOREDUCTASE IN ROCC-PTA INTERGENIC REGION [Bacillus subtilis]//7.9e-98:525:93//Hs.10366:W21953

R-OVARC1000886//ESTs//8.2e-79:417:94//Hs.7729:AA830777

R-OVARC1000891//ESTs//6.8e-75:401:94//Hs.5833:H15401

R-OVARC1000897//ESTs//3.5e-91:440:98//Hs.125264:AA873350

R-OVARC1000912

R-OVARC1000915//ESTs//1.0e-45:328:82//Hs.163980:AA715814

R-OVARC1000924//ESTs//1.0e-100:501:96//Hs.30204:AA497127

R-OVARC1000936//EST//3.0e-74:367:98//Hs.145098:AA421696

R-OVARC1000937//EST//1.1e-53:290:95//Hs.162846:AA631215

R-OVARC1000945//ESTs//4.9e-51:301:89//Hs.20100:W25794

R-OVARC1000948//ESTs//3.7e-67:332:98//Hs.112570:AA621971

R-OVARC1000959//Small inducible cytokine A5 (RANTES)//7.2e-44:283:86//Hs.155464:AF088219

R-OVARC1000960//Homo sapiens KIAA0395 mRNA, partial cds//1.1e-41:348:80//Hs.43681:AL022394

R-OVARC1000971//EST//6.2e-05:126:70//Hs.160491:AI254909

R-OVARC1000984//ESTs, Weakly similar to No definition line found [C.elegans]//3.5e-68:346:96//Hs.25544:AA532784

R-OVARC1000996//EST//0.12:92:71//Hs.117141:AA678811

R-OVARC1000999//Homo sapiens KIAA0414 mRNA, partial cds//1.5e-44:513:73//Hs.127649:AB007874

R-OVARC1001000//ESTs//1.8e-22:198:80//Hs.140608:N53448

R-OVARC1001004//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//
 1.7e-28:181:77//Hs.139107:K00629
 R-OVARC1001010//EST//2.1e-09:92:85//Hs.147893:AI223270
 R-OVARC1001011//EST//2.4e-14:200:75//Hs.149290:AI248117
 R-OVARC1001032//EST//2.7e-29:304:73//Hs.141733:W80630
 R-OVARC1001034//Homo sapiens apoptotic protease activating factor 1 (Apa
 f-1) mRNA, complete cds//2.1e-09:137:74//Hs.77579:AF013263
 R-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds//4.1e-101:
 501:96//Hs.9899:AF099149
 R-OVARC1001040//ESTs//2.9e-87:415:99//Hs.132812:AI032046
 R-OVARC1001044//ESTs//1.1e-83:432:96//Hs.55043:N94384
 R-OVARC1001051//60S RIBOSOMAL PROTEIN L41//1.2e-16:124:88//Hs.108124:Z12
 962
 R-OVARC1001055//ESTs//2.4e-23:238:76//Hs.141421:H99231
 R-OVARC1001062//ESTs//3.4e-92:469:96//Hs.34658:N98652
 R-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial
 cds//7.3e-97:463:98//Hs.3426:AF082657
 R-OVARC1001072//ESTs//1.3e-34:227:89//Hs.126704:W95844
 R-OVARC1001074
 R-OVARC1001085//Human T-cell leukemia virus enhancer factor//1.0:94:69//
 Hs.103126:U57029
 R-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone I
 MAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berl
 in))//1.4e-96:325:98//Hs.21753:AJ005897
 R-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds//3.
 3e-75:386:95//Hs.26584:AF051782
 R-OVARC1001117//Human G protein-coupled receptor (STRL22) mRNA, complete
 cds//3.9e-37:283:84//Hs.46468:U45984
 R-OVARC1001118//ESTs//5.3e-99:485:97//Hs.130815:AA936548

R-OVARC1001129//ESTs//9.8e-66:351:95//Hs.18616:T99312
 R-OVARC1001161//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNIN
 G ENTRY !!!! [H.sapiens]//2.2e-66:346:95//Hs.53263:AA173226
 R-OVARC1001162//EST//1.5e-44:376:80//Hs.161917:AA483223
 R-OVARC1001167//ESTs//4.7e-110:548:96//Hs.35254:AI133727
 R-OVARC1001169//ESTs//0.22:152:68//Hs.149424:AI274200
 R-OVARC1001170//Small inducible cytokine A5 (RANTES)//1.8e-42:305:84//Hs
 .155464:AF088219
 R-OVARC1001173//EST//2.5e-35:182:84//Hs.161917:AA483223
 R-OVARC1001180//Human macrophage-derived chemokine precursor (MDC) mRNA,
 complete cds//6.6e-64:247:80//Hs.97203:U83171
 R-OVARC1001188//ESTs//4.1e-18:296:69//Hs.139197:AA228343
 R-OVARC1001200//ESTs//2.0e-28:207:85//Hs.35121:AA877826
 R-OVARC1001232//ESTs//3.2e-61:358:91//Hs.6449:W95025
 R-OVARC1001240//ESTs//6.7e-45:316:85//Hs.121675:AA629668
 R-OVARC1001243//ESTs//2.3e-86:409:99//Hs.163091:AA742361
 R-OVARC1001261//ESTs//0.63:125:64//Hs.155743:AI344166
 R-OVARC1001268//ESTs//8.1e-20:113:98//Hs.109477:AA477929
 R-OVARC1001270//ESTs//1.5e-107:530:97//Hs.62905:AA460708
 R-OVARC1001271//ESTs//4.5e-36:401:72//Hs.20190:AA525532
 R-OVARC1001282//EST//4.0e-91:428:99//Hs.145599:AI263113
 R-OVARC1001296//ESTs//2.6e-63:301:100//Hs.125753:AA740885
 R-OVARC1001306//Homo sapiens mRNA for KIAA0518 protein, partial cds//3.8
 e-70:334:100//Hs.23763:AB011090
 R-OVARC1001329//Clathrin, light polypeptide (Lcb)//1.3e-68:304:83//Hs.73
 919:X81637
 R-OVARC1001330//Proline arginine-rich end leucine-rich repeat protein//1
 .0:147:63//Hs.76494:U41344
 R-OVARC1001339//Small inducible cytokine A5 (RANTES)//5.0e-48:452:76//Hs

.155464:AF088219

R-OVARC1001341//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNIN
G ENTRY !!!! [H.sapiens]//6.9e-85:464:93//Hs.23651:AA650356

R-OVARC1001342//40S RIBOSOMAL PROTEIN S8//4.9e-110:568:95//Hs.118690:X67
247

R-OVARC1001344//EST//3.6e-44:341:81//Hs.162197:AA535216

R-OVARC1001357//TUMOR-ASSOCIATED ANTIGEN L6//9.8e-44:250:93//Hs.3337:M90
657

R-OVARC1001360//ESTs//5.2e-110:534:98//Hs.24743:AA843844

R-OVARC1001369//ESTs//1.7e-98:478:97//Hs.7729:AA830777

R-OVARC1001372//ESTs//2.6e-97:456:99//Hs.153648:AI341415

R-OVARC1001376//Homo sapiens mRNA for KIAA0575 protein, complete cds//1.
1e-53:344:72//Hs.153468:AB011147

R-OVARC1001381//ESTs//5.1e-19:200:66//Hs.114031:AA700958

R-OVARC1001391

R-OVARC1001399//ESTs//0.0039:48:95//Hs.117964:N20913

R-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds//3.2e-111:561:95//
Hs.21586:AB006651

R-OVARC1001419

R-OVARC1001425//EST//5.7e-20:395:66//Hs.159707:AI393136

R-OVARC1001436//ESTs//9.6e-90:427:99//Hs.6982:AA622427

R-OVARC1001442//ESTs//1.1e-66:317:100//Hs.18437:AI206345

R-OVARC1001453//ESTs//2.0e-20:163:84//Hs.133503:AA628592

R-OVARC1001476//EST//0.23:125:66//Hs.71444:AA131700

R-OVARC1001480//ESTs//3.1e-56:181:97//Hs.40109:AA928694

R-OVARC1001489//ESTs//1.0:297:58//Hs.86723:AA393089

R-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete
cds//3.0e-117:585:96//Hs.6534:AF016507

R-OVARC1001506//Small inducible cytokine A5 (RANTES)//1.8e-48:283:90//Hs

.155464:AF088219

R-OVARC1001525//EST//0.80:170:60//Hs.157398:AI364539

R-OVARC1001542//Homo sapiens hJTB mRNA, complete cds//1.6e-111:566:95//Hs.6396:AB016492

R-OVARC1001547//ESTs//5.7e-105:564:93//Hs.68835:AA088388

R-OVARC1001577//Homo sapiens SRp46 splicing factor retropseudogene mRNA//4.4e-20:150:89//Hs.155160:AF031166

R-OVARC1001600//Human mRNA for KIAA0118 gene, partial cds//8.6e-21:282:72//Hs.154326:D42087

R-OVARC1001610//ESTs//4.6e-108:555:95//Hs.44295:N32019

R-OVARC1001611//ESTs//0.0021:117:71//Hs.135568:AA972965

R-OVARC1001615//Homo sapiens KIAA0409 mRNA, partial cds//9.2e-19:114:78//Hs.5158:AB007869

R-OVARC1001668//ESTs//1.0:127:69//Hs.153290:AI022659

R-OVARC1001702//ESTs//4.8e-44:225:97//Hs.96855:AA346854

R-OVARC1001703//ESTs//2.3e-89:426:99//Hs.27099:W60080

R-OVARC1001711//ESTs//1.9e-57:251:99//Hs.9732:AA527784

R-OVARC1001726//ESTs, Highly similar to APICAL PROTEIN [Xenopus laevis]//1.2e-27:236:81//Hs.15485:AA046954

R-OVARC1001731//Tropomyosin 4 (fibroblast)//7.9e-74:422:90//Hs.102824:X05276

R-OVARC1001745//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//1.7e-62:300:83//Hs.144563:AF057280

R-OVARC1001762//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [S.cerevisiae]//6.8e-100:540:92//Hs.117741:AA903456

R-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//1.1e-109:567:94//Hs.155377:U97670

R-OVARC1001767//Homo sapiens mRNA for KIAA0675 protein, complete cds//2.0e-109:529:97//Hs.15869:AB014575

R-OVARC1001768//ESTs//3.5e-59:327:94//Hs.107923:H66127
 R-OVARC1001791//ESTs//1.3e-111:565:96//Hs.6107:AA160604
 R-OVARC1001795//ESTs//2.8e-97:526:93//Hs.72158:AA156978
 R-OVARC1001802//Homo sapiens DEC-205 mRNA, complete cds//4.8e-36:276:81/
 /Hs.153563:AF011333
 R-OVARC1001805//ESTs//4.1e-78:375:98//Hs.126902:AI374688
 R-OVARC1001812//EST//4.8e-45:349:80//Hs.162677:AA604831
 R-OVARC1001813//Homo sapiens mRNA for KIAA0538 protein, partial cds//2.1
 e-15:519:63//Hs.25639:AB011110
 R-OVARC1001820//ESTs//9.5e-50:314:80//Hs.140491:W52705
 R-OVARC1001828//ESTs//0.11:186:63//Hs.29055:AI374621
 R-OVARC1001846//ESTs//0.34:134:66//Hs.152992:AI242160
 R-OVARC1001861//ESTs//2.3e-19:120:92//Hs.42225:N31809
 R-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence//1.9e-
 105:571:91//Hs.25300:AF070611
 R-OVARC1001879//EST//1.3e-24:185:85//Hs.136617:AA630476
 R-OVARC1001880//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.
 2e-49:302:90//Hs.153468:AB011147
 R-OVARC1001883//ESTs//1.0e-51:295:93//Hs.164059:AA447310
 R-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homol
 og (TID1) mRNA, complete cds//1.6e-87:346:90//Hs.6216:AF061749
 R-OVARC1001901//ESTs//6.8e-24:132:98//Hs.130797:AA904435
 R-OVARC1001911//ESTs//1.1e-88:491:92//Hs.32343:W73855
 R-OVARC1001916//ESTs//7.9e-97:491:95//Hs.24989:H97842
 R-OVARC1001928
 R-OVARC1001942//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [
 S.cerevisiae]//2.5e-39:253:88//Hs.117741:AA903456
 R-OVARC1001943//ESTs//9.3e-13:78:100//Hs.143680:W38637
 R-OVARC1001949//ESTs, Highly similar to ZINC FINGER PROTEIN 8. [Homo sap

iens] //8.3e-96:498:94//Hs.22744:AI379892
R-OVARC1001950//EST//1.3e-35:236:81//Hs.132635:AI032875
R-OVARC1001987//ESTs//5.6e-94:514:92//Hs.21148:AI183729
R-OVARC1001989//ESTs//9.7e-46:228:99//Hs.127046:AA935887
R-OVARC1002044//ESTs//3.4e-45:303:85//Hs.132722:AA618531
R-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//4.4
e-109:542:96//Hs.108258:AB007934
R-OVARC1002066//ESTs//8.5e-97:455:99//Hs.135477:AI088556
R-OVARC1002082//Homo sapiens mRNA for KIAA0772 protein, complete cds//8.
1e-47:340:82//Hs.15519:AB018315
R-OVARC1002107//ESTs//5.9e-103:498:98//Hs.157207:AA629860
R-OVARC1002127//ESTs//3.0e-87:419:98//Hs.127833:AI347130
R-OVARC1002138//ESTs, Weakly similar to HYPOTHETICAL 54.7 KD PROTEIN C07
A9.1 IN CHROMOSOME III [Caenorhabditis elegans]//1.7e-102:485:98//Hs.137
516:AA805691
R-OVARC1002143//ESTs//1.3e-79:428:92//Hs.158126:W26825
R-OVARC1002156//ESTs//1.6e-38:198:98//Hs.22957:AA478923
R-OVARC1002158//ESTs//7.3e-81:412:96//Hs.12211:AA908631
R-OVARC1002165//ESTs//1.8e-09:154:72//Hs.49354:AA424160
R-OVARC1002182//ESTs//4.3e-80:465:91//Hs.77067:AA040478
R-PLACE1000004//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTE
IN A [Bacillus subtilis]//7.5e-32:164:99//Hs.144194:AA706337
R-PLACE1000005//EST//0.37:212:60//Hs.127020:AA934920
R-PLACE1000007//Homo sapiens clone 24422 mRNA sequence//3.8e-16:100:97//
Hs.109268:AF070557
R-PLACE1000014//EST//9.6e-44:344:77//Hs.161917:AA483223
R-PLACE1000031//ESTs//2.2e-32:374:70//Hs.117969:H94870
R-PLACE1000040//ESTs//0.00017:316:59//Hs.23342:AI310440
R-PLACE1000048//Human Line-1 repeat mRNA with 2 open reading frames//4.8

e-79:519:86//Hs.23094:M19503
R-PLACE1000050//ESTs//9.7e-90:453:96//Hs.27410:N25612
R-PLACE1000061//Ribosomal protein L37a//5.5e-22:126:97//Hs.1946:L06499
R-PLACE1000066//ESTs, Weakly similar to coded for by C. elegans cDNA yk1
Oc10.3 [C.elegans]//1.4e-61:331:94//Hs.30026:AI356771
R-PLACE1000078//ESTs//2.6e-30:212:85//Hs.89312:AA167659
R-PLACE1000081
R-PLACE1000094
R-PLACE1000133//ESTs//4.4e-87:448:94//Hs.93748:AA884505
R-PLACE1000142//ESTs, Weakly similar to enoyl-CoA hydratase [H.sapiens] /
/5.5e-103:538:94//Hs.9670:AA632135
R-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, compl
ete cds//4.1e-114:594:94//Hs.151017:AF058291
R-PLACE1000185//ESTs, Weakly similar to No definition line found [C.eleg
ans] //2.0e-19:114:95//Hs.7036:W22072
R-PLACE1000213//ESTs//9.4e-99:494:96//Hs.24398:AI262946
R-PLACE1000214//ESTs//5.3e-98:466:98//Hs.28661:AA805916
R-PLACE1000236//Human BENE mRNA, partial cds//1.7e-19:162:84//Hs.85889:U
17077
R-PLACE1000246//EST//0.026:134:66//Hs.135611:Z21545
R-PLACE1000292//ESTs//2.5e-80:418:96//Hs.138233:N57912
R-PLACE1000332//EST//1.7e-82:422:96//Hs.118637:T61940
R-PLACE1000347//ESTs//8.5e-36:180:100//Hs.6377:AA632424
R-PLACE1000374//ESTs//2.8e-90:434:98//Hs.161785:AI423126
R-PLACE1000380//ESTs//1.0e-81:399:97//Hs.47105:AI334994
R-PLACE1000383//ESTs//3.7e-75:405:94//Hs.23200:AA203708
R-PLACE1000401//ESTs//1.4e-16:212:72//Hs.151665:AA020959
R-PLACE1000406//ESTs//2.1e-51:259:97//Hs.129651:N53089
R-PLACE1000420//ESTs//7.7e-92:471:95//Hs.144407:AA737799

R-PLACE1000421//ESTs//2.9e-14:282:67//Hs.142068:AA176125
R-PLACE1000424//EST//2.9e-35:453:70//Hs.162404:AA573131
R-PLACE1000435//Homo sapiens protein phosphatase with EF-hands-2 long form (PPEF-2) mRNA, complete cds//1.6e-47:472:77//Hs.113259:AF023456
R-PLACE1000444//ESTs, Moderately similar to platelet glycoprotein IIb precursor [H.sapiens]//2.0e-58:410:81//Hs.97579:AA398118
R-PLACE1000453//ESTs//2.3e-85:442:95//Hs.9725:AA039793
R-PLACE1000481//ESTs, Weakly similar to Ndr protein kinase [H.sapiens]//3.2e-109:549:95//Hs.19074:U69566
R-PLACE1000492//ESTs, Highly similar to vacuolar protein sorting homolog r-vps33b [R.norvegicus]//3.5e-83:435:94//Hs.26510:AA700425
R-PLACE1000540//ESTs//3.2e-58:281:99//Hs.118270:AA844729
R-PLACE1000547//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.2e-32:208:88//Hs.153026:AB014540
R-PLACE1000562//ESTs, Weakly similar to HYPOTHETICAL 23.0 KD PROTEIN IN IXR1-TFA1 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-26:220:81//Hs.163791:W25348
R-PLACE1000564//ESTs//1.1e-54:302:92//Hs.158520:AI380485
R-PLACE1000583//Human mRNA for KIAA0355 gene, complete cds//5.5e-43:404:75//Hs.153014:AB002353
R-PLACE1000588//Guanylate binding protein 1, interferon-inducible, 67kD//6.1e-79:542:82//Hs.62661:M55542
R-PLACE1000596//ESTs//0.0028:364:59//Hs.106090:AA457030
R-PLACE1000599//Human mRNA for KIAA0118 gene, partial cds//4.3e-49:295:90//Hs.154326:D42087
R-PLACE1000610//ESTs//0.0010:104:74//Hs.17413:N45301
R-PLACE1000636//ESTs//1.8e-64:340:95//Hs.100895:AA479308
R-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//5.3e-101:506:96//Hs.5819:AF102265

R-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone I
MAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin))//1.4e-102:559:92//Hs.2959
5:AJ005896

R-PLACE1000706//Homo sapiens transcription intermediary factor 1 (TIF1)
mRNA, complete cds//2.8e-10:281:64//Hs.128763:AF009353

R-PLACE1000712//ESTs//7.8e-60:317:95//Hs.8245:AA115485

R-PLACE1000716

R-PLACE1000748//ESTs//8.9e-87:466:93//Hs.25245:AA176701

R-PLACE1000749//EST//0.019:186:61//Hs.135443:AI077396

R-PLACE1000755//ESTs, Weakly similar to HYPOTHETICAL HELICASE K12H4.8 IN
CHROMOSOME III [C.elegans]//3.9e-40:224:94//Hs.87889:AA262008

R-PLACE1000769//Homo sapiens clone 24566 mRNA sequence//6.5e-27:531:66//
Hs.133342:AF070536

R-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds//8.5
e-103:513:96//Hs.31921:AB014548

R-PLACE1000786//ESTs//5.2e-93:449:97//Hs.58389:W74482

R-PLACE1000793//H.sapiens mRNA for chemokine HCC-1//0.88:201:60//Hs.2014
4:AF088219

R-PLACE1000798//ESTs//1.1e-97:508:94//Hs.139119:N32189

R-PLACE1000841//ESTs, Highly similar to guanine nucleotide regulatory pr
otein [H.sapiens]//7.7e-31:220:86//Hs.117576:R33135

R-PLACE1000849//ESTs//1.8e-87:459:94//Hs.43100:AA186588

R-PLACE1000856//ESTs//0.0084:224:59//Hs.145906:AI275039

R-PLACE1000863//ESTs, Highly similar to PUTATIVE 40S RIBOSOMAL PROTEIN
YHR148W [Saccharomyces cerevisiae]//2.2e-92:467:95//Hs.6118:AI141558

R-PLACE1000909//ESTs//4.7e-89:435:97//Hs.95744:AI392846

R-PLACE1000931//EST//1.9e-28:261:73//Hs.135545:AI097091

R-PLACE1000948//ESTs//0.034:329:58//Hs.114851:AA608697

R-PLACE1000972//EST//3.3e-24:264:74//Hs.130321:AI002941

R-PLACE1000977//EST//0.085:153:65//Hs.131646:AI025689
R-PLACE1000979
R-PLACE1001000//ESTs//4.7e-56:284:96//Hs.117978:AA810725
R-PLACE1001007//ESTs, Moderately similar to MNK1 [H.sapiens]//5.2e-63:34
3:93//Hs.5662:AA868361
R-PLACE1001010//EST//0.96:53:71//Hs.96973:AA351146
R-PLACE1001015//Oxytocin receptor//2.8e-25:308:71//Hs.2820:X64878
R-PLACE1001024//ESTs//5.0e-12:79:96//Hs.97910:AA404736
R-PLACE1001036//ESTs//4.0e-15:301:65//Hs.137947:AI025762
R-PLACE1001062//ESTs//5.2e-15:199:73//Hs.138982:AA056120
R-PLACE1001076//ESTs//3.9e-84:406:98//Hs.115455:AA678124
R-PLACE1001088//ESTs//3.0e-106:518:97//Hs.158964:AA639580
R-PLACE1001092//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.035:259
:59//Hs.31575:AF100141
R-PLACE1001104//ESTs//6.1e-115:582:95//Hs.10972:AA164268
R-PLACE1001118//ESTs//6.9e-81:440:93//Hs.5383:AA913610
R-PLACE1001136//ESTs//7.4e-41:168:83//Hs.95115:AA206594
R-PLACE1001168//ESTs//3.9e-21:116:99//Hs.5897:AA148834
R-PLACE1001171//ESTs, Highly similar to CYTOCHROME B-245 LIGHT CHAIN [H.
sapiens]//0.91:77:71//Hs.115211:AA287527
R-PLACE1001185//ESTs//1.5e-65:330:96//Hs.26368:AA789297
R-PLACE1001238//ESTs, Moderately similar to RNA polymerase I associated
factor [M.musculus]//1.9e-99:512:94//Hs.24884:AA176812
R-PLACE1001241//ESTs//1.1e-81:446:93//Hs.42278:AI073464
R-PLACE1001257//EST//6.4e-46:298:87//Hs.162404:AA573131
R-PLACE1001272//ESTs//0.31:158:61//Hs.42960:N95371
R-PLACE1001279//ESTs//1.8e-77:376:97//Hs.29276:AA427780
R-PLACE1001280//ESTs//1.1e-30:134:89//Hs.163492:AI334460
R-PLACE1001294//ESTs, Moderately similar to GAMETOGENESIS EXPRESSED PROT

EIN GEG-154 [M.musculus]//2.7e-22:181:84//Hs.48320:AA149548
R-PLACE1001304//ESTs, Weakly similar to ZINC FINGER PROTEIN 135 [H.sapie
ns]//4.2e-34:195:92//Hs.86276:W27601
R-PLACE1001311//ESTs//9.1e-91:438:97//Hs.41055:AI339056
R-PLACE1001323//Human transmembrane 4 superfamily protein (SAS) mRNA, co
mplete cds//5.5e-44:215:86//Hs.50984:U01160
R-PLACE1001351//ESTs//2.4e-101:494:97//Hs.23944:AI097077
R-PLACE1001366//Small inducible cytokine A5 (RANTES)//8.7e-43:284:85//Hs
.155464:AF088219
R-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//2.3e-81
:431:93//Hs.152005:AF009615
R-PLACE1001383//Homo sapiens clone 24538 mRNA sequence//1.0e-36:192:97//
Hs.12342:AF055030
R-PLACE1001384//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA
, complete cds//1.0e-86:456:94//Hs.21301:AF093419
R-PLACE1001387//ESTs//6.0e-74:383:94//Hs.55016:AI298280
R-PLACE1001395//ESTs//2.3e-94:473:95//Hs.22394:N32555
R-PLACE1001399//ESTs//2.6e-41:204:100//Hs.24462:N36348
R-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence//
2.6e-45:242:95//Hs.110404:AF091087
R-PLACE1001414//ESTs//0.0013:77:75//Hs.144614:AA291800
R-PLACE1001440
R-PLACE1001456//EST//0.76:120:62//Hs.34011:H48115
R-PLACE1001468//ESTs//4.0e-80:403:96//Hs.131832:AI017547
R-PLACE1001484//ESTs//3.0e-16:201:72//Hs.153413:AI248625
R-PLACE1001502//ESTs//8.1e-31:161:99//Hs.126264:AA455617
R-PLACE1001503//ESTs//2.4e-37:176:81//Hs.141581:AA315361
R-PLACE1001517//Homo sapiens hGAA1 mRNA, complete cds//2.1e-57:339:90//H
s.4742:AB006969

R-PLACE1001534//ESTs//3.6e-61:304:97//Hs.45207:AI042153
R-PLACE1001545//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//1.6e-22:170:85//Hs.155456:AA707265
R-PLACE1001551//ESTs//1.5e-39:202:98//Hs.139269:AA894431
R-PLACE1001570//EST//1.1e-70:495:82//Hs.144234:W52249
R-PLACE1001602//EST//0.33:297:57//Hs.149839:AI287601
R-PLACE1001603//ESTs//2.0e-17:181:76//Hs.155334:AA827904
R-PLACE1001610//EST//1.1e-86:442:95//Hs.112580:AA608683
R-PLACE1001611//Homo sapiens histone macroH2A1.2 mRNA, complete cds//1.1
e-42:217:97//Hs.75258:AF054174
R-PLACE1001632//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sa
piens]//1.5e-78:458:91//Hs.114547:AA167095
R-PLACE1001634//ESTs//0.0035:40:97//Hs.101577:AI168526
R-PLACE1001640//ESTs//0.0028:377:57//Hs.131044:D61640
R-PLACE1001672//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//0.98:141:62//Hs.153060:AA195804
R-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
-18) mRNA, complete cds//4.7e-113:545:97//Hs.3688:AF069250
R-PLACE1001692//EST//3.0e-43:430:75//Hs.162975:AA679124
R-PLACE1001705//ESTs//3.0e-81:418:94//Hs.22646:AI374903
R-PLACE1001716//EST//0.76:150:62//Hs.128906:AA983667
R-PLACE1001720//ESTs//2.4e-64:385:90//Hs.60455:AA010993
R-PLACE1001729//ESTs//2.9e-84:418:96//Hs.134740:AA282171
R-PLACE1001739//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//9.1e-32
:206:89//Hs.6366:AA614113
R-PLACE1001740//EST//6.5e-05:113:68//Hs.139949:AA644266
R-PLACE1001745//ESTs//3.3e-92:473:95//Hs.104270:AA236479
R-PLACE1001746//ESTs//8.8e-93:443:98//Hs.112198:AI423937
R-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds/

/4.1e-93:540:89//Hs.4812:AF061243
 R-PLACE1001756//ESTs//0.17:157:66//Hs.141565:N64662
 R-PLACE1001761
 R-PLACE1001771//ESTs//0.92:165:62//Hs.47387:N51980
 R-PLACE1001781//ESTs//5.7e-84:437:95//Hs.23363:AA081236
 R-PLACE1001799//EST//0.00039:126:65//Hs.123267:AA807352
 R-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta s
 ubunit (SCS) mRNA, partial cds//1.3e-93:463:95//Hs.40820:AF058953
 R-PLACE1001821//Small inducible cytokine A5 (RANTES)//2.7e-35:328:75//Hs
 .155464:AF088219
 R-PLACE1001845
 R-PLACE1001869//EST//1.0:207:62//Hs.137298:W32868
 R-PLACE1001897//ESTs//2.4e-23:219:80//Hs.7503:H50009
 R-PLACE1001912//ESTs//1.5e-32:162:78//Hs.136810:AA789098
 R-PLACE1001920//Homo sapiens TNF-induced protein GC2-1 mRNA, complete cd
 s//3.9e-74:363:97//Hs.17839:AF099936
 R-PLACE1001928//Homo sapiens mRNA for KIAA0623 protein, complete cds//0.
 85:130:66//Hs.151406:AB014523
 R-PLACE1001983//ESTs//2.8e-66:334:96//Hs.110155:AA007313
 R-PLACE1001989//ESTs//1.3e-88:453:95//Hs.132717:AA171941
 R-PLACE1002046
 R-PLACE1002052//ESTs//1.7e-79:428:94//Hs.6737:N32595
 R-PLACE1002066//ESTs//2.8e-82:427:94//Hs.132972:AA543094
 R-PLACE1002072//ESTs//0.27:108:66//Hs.123163:AA809619
 R-PLACE1002073//EST//5.5e-70:369:95//Hs.132339:AI028552
 R-PLACE1002090//ESTs//6.3e-73:361:96//Hs.134469:AA731632
 R-PLACE1002115//ESTs//4.6e-34:233:88//Hs.163443:R23311
 R-PLACE1002119//ESTs//1.2e-88:444:96//Hs.15725:AA521293
 R-PLACE1002140//ESTs//6.6e-22:118:100//Hs.22793:W91937

R-PLACE1002150//ESTs//4.0e-96:465:98//Hs.7312:AI167614
 R-PLACE1002157//EST, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMO
 LOG [H.sapiens]//3.6e-39:400:76//Hs.162172:AA534189
 R-PLACE1002163//ESTs//3.2e-83:428:95//Hs.137011:AI185965
 R-PLACE1002171//ESTs//5.3e-68:392:90//Hs.62273:AA143745
 R-PLACE1002205//ESTs//1.5e-39:211:95//Hs.28338:N48793
 R-PLACE1002213//ESTs//5.1e-38:290:83//Hs.146811:AA410788
 R-PLACE1002227//EST//1.3e-14:214:72//Hs.46979:N49892
 R-PLACE1002256//ESTs//2.4e-100:484:98//Hs.9343:AI004257
 R-PLACE1002259//Human Line-1 repeat mRNA with 2 open reading frames//5.8
 e-67:501:81//Hs.23094:M19503
 R-PLACE1002319//ESTs//1.4e-28:178:92//Hs.7353:AA209308
 R-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds//1.6
 e-95:501:93//Hs.18277:AB018271
 R-PLACE1002395//ESTs//3.6e-25:248:77//Hs.3853:AA034291
 R-PLACE1002399//ESTs//1.5e-27:238:78//Hs.13014:W26381
 R-PLACE1002433//ESTs//4.3e-108:511:98//Hs.98324:AA621959
 R-PLACE1002437//EST//1.2e-06:158:61//Hs.159833:T24110
 R-PLACE1002438//Sjogren syndrome antigen B (autoantigen La)//0.93:176:60
 //Hs.83715:X69804
 R-PLACE1002450//ESTs//1.5e-89:432:98//Hs.47371:AA136333
 R-PLACE1002465//ESTs//1.6e-92:488:93//Hs.78110:AA741320
 R-PLACE1002474//Human matrilin-2 precursor mRNA, partial cds//4.9e-23:16
 6:85//Hs.19368:U69263
 R-PLACE1002477//ESTs//2.5e-62:305:98//Hs.88605:AA421132
 R-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STA
 M2) mRNA, complete cds//3.6e-55:307:91//Hs.17200:AF042273
 R-PLACE1002499//ESTs//7.4e-72:373:96//Hs.128221:AA972429
 R-PLACE1002500//Homo sapiens KIAA0409 mRNA, partial cds//1.2e-40:296:83/

/Hs.5158:AB007869

R-PLACE1002514//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB1 WARNING E
NTRY !!!! [H.sapiens]//6.4e-14:217:69//Hs.152230:AI140609

R-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds//5.1
e-88:582:85//Hs.88756:AB018256

R-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1//2.7e-19
:116:93//Hs.99348:AC004774

R-PLACE1002537//ESTs//4.8e-93:440:99//Hs.164005:AA766491

R-PLACE1002571//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosoph
ila melanogaster]//1.3e-108:555:95//Hs.23259:AA532437

R-PLACE1002578//EST//1.9e-40:337:81//Hs.162404:AA573131

R-PLACE1002583//EST//1.2e-07:264:65//Hs.156414:AI339738

R-PLACE1002591//ESTs//2.3e-67:372:94//Hs.143046:N73778

R-PLACE1002598//ESTs, Highly similar to PROTEIN HI1715 [Haemophilus inf
luenzae]//1.2e-44:228:97//Hs.7527:AA843208

R-PLACE1002604//ESTs//3.3e-106:532:96//Hs.86828:AA632147

R-PLACE1002625//EST//3.8e-13:173:74//Hs.138597:H77749

R-PLACE1002665//Small inducible cytokine A4 (homologous to mouse Mip-1b)
//1.0:189:58//Hs.75703:J04130

R-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternativ
ely spliced, complete cds//3.8e-79:390:97//Hs.124903:AF068180

R-PLACE1002714//ESTs//8.2e-63:340:93//Hs.7973:H19830

R-PLACE1002722//ESTs, Weakly similar to putative G-protein-coupled recep
tor [H.sapiens]//6.8e-75:445:90//Hs.29202:R71586

R-PLACE1002768//ESTs//1.2e-70:359:95//Hs.132600:H12865

R-PLACE1002772//ESTs//8.1e-49:362:82//Hs.141254:AI334099

R-PLACE1002782//ESTs//2.4e-58:284:98//Hs.143545:AI149014

R-PLACE1002794//ESTs//5.4e-21:114:100//Hs.77365:W93593

R-PLACE1002811//ESTs//6.7e-68:329:98//Hs.78026:AA456955

R-PLACE1002815//ESTs//6.8e-103:537:93//Hs.5459:AI304392
 R-PLACE1002816//ESTs//3.9e-05:118:68//Hs.98641:AA429916
 R-PLACE1002834//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sapiens]//2.1e-42:233:94//Hs.61518:AA167094
 R-PLACE1002839//ESTs//1.7e-10:292:64//Hs.93012:R96142
 R-PLACE1002851//ESTs//1.7e-73:381:95//Hs.135021:AI096756
 R-PLACE1002853//ESTs//1.2e-89:453:96//Hs.23630:N57539
 R-PLACE1002881//ESTs//1.1e-71:360:96//Hs.34392:AI066762
 R-PLACE1002908//EST//2.7e-31:177:94//Hs.147925:AI249332
 R-PLACE1002941//ESTs//4.0e-96:519:92//Hs.125139:AA523995
 R-PLACE1002962
 R-PLACE1002968//ESTs//4.7e-31:420:69//Hs.116518:AA653202
 R-PLACE1002991//ESTs//9.0e-81:418:95//Hs.132717:AA171941
 R-PLACE1002993//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB WARNING EN TRY !!!! [H.sapiens]//1.3e-86:502:89//Hs.32232:AA604268
 R-PLACE1002996//ESTs//1.9e-44:218:100//Hs.63657:AI144268
 R-PLACE1003025//ESTs//8.4e-104:517:96//Hs.10711:AI151499
 R-PLACE1003027//Human mRNA for KIAA0238 gene, partial cds//0.97:156:60//Hs.82042:D87075
 R-PLACE1003044//Human onconeural ventral antigen-1 (Nova-1) mRNA, complete cds//1.0:200:63//Hs.214:U04840
 R-PLACE1003092//ESTs//0.0046:267:60//Hs.133095:AA927777
 R-PLACE1003100//ESTs, Highly similar to NODULATION PROTEIN G [Rhizobium meliloti]//9.5e-94:491:93//Hs.6318:AI131178
 R-PLACE1003108//ESTs//0.00065:184:66//Hs.154366:AA527359
 R-PLACE1003136//Signal recognition particle 54 kD protein//0.057:317:59//Hs.49346:U51920
 R-PLACE1003145//ESTs//1.9e-98:534:92//Hs.61929:AA044757
 R-PLACE1003153//ESTs//5.8e-76:367:98//Hs.105196:AA483467

R-PLACE1003174//ESTs//1.7e-44:226:98//Hs.59688:AA453924
 R-PLACE1003176
 R-PLACE1003190//ESTs//1.6e-74:356:99//Hs.121282:AI091453
 R-PLACE1003200//ESTs//4.6e-93:461:96//Hs.24321:AA971017
 R-PLACE1003205//ESTs//0.037:171:61//Hs.157077:H44802
 R-PLACE1003238//ESTs, Weakly similar to KIAA0001 [H.sapiens]//2.5e-82:43
 6:94//Hs.58561:W79123
 R-PLACE1003249//Human high-affinity copper uptake protein (hCTR1) mRNA,
 complete cds//7.9e-44:313:84//Hs.73614:U83460
 R-PLACE1003256//EST//9.6e-46:284:88//Hs.162404:AA573131
 R-PLACE1003258//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//8.3e-102:551:92//Hs.52431:AA625326
 R-PLACE1003296//ESTs//1.9e-88:451:96//Hs.57749:W92986
 R-PLACE1003302//ESTs, Highly similar to ZINC FINGER PROTEIN 43 [Homo sa
 piens]//8.2e-93:458:96//Hs.29147:AA883993
 R-PLACE1003334//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !
 !!! [H.sapiens]//3.3e-94:463:97//Hs.155050:AA908765
 R-PLACE1003342//ESTs//6.0e-88:447:96//Hs.107527:R66438
 R-PLACE1003343//EST//0.0087:412:58//Hs.159963:AA977701
 R-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 pro
 tein (BCAR3) mRNA, complete cds//1.1e-99:469:98//Hs.6564:U92715
 R-PLACE1003361//ESTs//3.5e-64:332:95//Hs.163861:AI199636
 R-PLACE1003366//ESTs//1.0e-87:492:92//Hs.72222:AA158234
 R-PLACE1003369//ESTs, Weakly similar to ZK1058.4 [C.elegans]//3.5e-18:10
 9:95//Hs.27670:AI051591
 R-PLACE1003373//Homo sapiens mRNA for KIAA0472 protein, partial cds//2.6
 e-54:279:80//Hs.6874:AB007941
 R-PLACE1003375//ESTs//1.7e-88:431:97//Hs.41327:AI039909
 R-PLACE1003383//ESTs//0.00084:177:64//Hs.120695:AI377755

R-PLACE1003401//ESTs//1.1e-16:147:80//Hs.132187:AI039020
 R-PLACE1003420//ESTs//1.4e-93:481:94//Hs.122565:AI126840
 R-PLACE1003454//ESTs//4.0e-57:310:93//Hs.121688:AA743697
 R-PLACE1003478//EST//1.0:162:63//Hs.147003:AI184671
 R-PLACE1003493//ESTs//1.2e-73:383:95//Hs.28852:R64270
 R-PLACE1003516//ESTs//3.2e-23:206:80//Hs.138632:H97952
 R-PLACE1003519//H.sapiens hnRNP-E1 mRNA//1.7e-22:236:79//Hs.2853:Z29505
 R-PLACE1003521//ESTs//5.8e-74:371:96//Hs.30818:AA194980
 R-PLACE1003528//ESTs//1.1e-40:219:82//Hs.138856:H47461
 R-PLACE1003537//ESTs, Weakly similar to multispanning membrane protein [H.sapiens] //7.4e-69:338:98//Hs.110439:N93209
 R-PLACE1003553//ESTs//2.2e-87:438:97//Hs.132022:AI040321
 R-PLACE1003566//ESTs//1.2e-62:298:92//Hs.30799:AI052591
 R-PLACE1003575//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.4e-22:145:80//Hs.92381:AB007956
 R-PLACE1003583//ESTs, Weakly similar to hypothetical L1 protein [H.sapiens] //1.5e-14:264:65//Hs.158253:R86178
 R-PLACE1003584
 R-PLACE1003592//ESTs//1.3e-15:213:69//Hs.139507:T77542
 R-PLACE1003593//ESTs, Highly similar to FRG1 gene product [H.sapiens] //5.8e-75:459:89//Hs.23884:AI377106
 R-PLACE1003596//ESTs//0.011:273:61//Hs.71719:AA142875
 R-PLACE1003602//Homo sapiens mRNA expressed in placenta//7.8e-97:576:88//Hs.56851:D83200
 R-PLACE1003605//ESTs//3.7e-86:407:99//Hs.136057:AA988299
 R-PLACE1003611//ESTs//1.0:78:71//Hs.101248:T26446
 R-PLACE1003618//ESTs//6.8e-30:281:79//Hs.114455:AA411943
 R-PLACE1003625//ESTs//7.2e-78:377:98//Hs.102708:AA292285
 R-PLACE1003638//ESTs//6.7e-38:274:82//Hs.138852:AA284247

R-PLACE1003669//ESTs//9.7e-83:418:95//Hs.4842:AI342607
 R-PLACE1003704//ESTs//3.0e-13:99:89//Hs.81648:W26521
 R-PLACE1003709//ESTs//0.019:178:60//Hs.32100:N59866
 R-PLACE1003711//ESTs//0.99:126:63//Hs.47005:N98639
 R-PLACE1003723//ESTs//1.7e-89:448:96//Hs.157222:AA766987
 R-PLACE1003738//ESTs//2.5e-36:182:100//Hs.122162:AI057087
 R-PLACE1003760//Human globin gene//1.9e-98:538:91//Hs.100090:M69023
 R-PLACE1003762//EST//2.9e-15:125:85//Hs.162083:AA487512
 R-PLACE1003768//Human P042 gene, complete cds//3.1e-18:300:69//Hs.158302
 :U88965
 R-PLACE1003771//ESTs//1.2e-09:64:100//Hs.23799:AI003798
 R-PLACE1003783//ESTs, Weakly similar to D2085.5 [C.elegans]//3.8e-38:199
 :97//Hs.115197:AA215757
 R-PLACE1003784//ESTs//3.7e-87:428:97//Hs.157985:AI366909
 R-PLACE1003795//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.
 2e-36:236:88//Hs.153468:AB011147
 R-PLACE1003833//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
 G ENTRY !!!! [H.sapiens]//8.5e-62:313:96//Hs.121020:AA526092
 R-PLACE1003850//ESTs//4.0e-67:351:96//Hs.159303:T91059
 R-PLACE1003858//ESTs//0.96:87:66//Hs.107112:AA679058
 R-PLACE1003864
 R-PLACE1003870//EST//2.9e-34:281:79//Hs.160895:AI365871
 R-PLACE1003885
 R-PLACE1003886//ESTs//6.7e-85:410:97//Hs.25129:W93595
 R-PLACE1003888//ESTs//0.0085:165:64//Hs.96739:AA441915
 R-PLACE1003900//EST//2.4e-05:129:69//Hs.127931:AA969259
 R-PLACE1003903//ESTs, Highly similar to CTP SYNTHASE [Homo sapiens]//1.
 5e-54:282:96//Hs.58553:AA100804
 R-PLACE1003915//EST//0.87:55:76//Hs.145930:AI275760

R-PLACE1003923//ESTs//1.7e-89:456:95//Hs.14125:AA156236
 R-PLACE1003932//ESTs//3.0e-50:340:84//Hs.151208:AI126110
 R-PLACE1003936//EST//1.8e-08:208:65//Hs.162656:AA603567
 R-PLACE1003968//ESTs//7.4e-49:301:90//Hs.93850:AA115330
 R-PLACE1004104//ESTs//1.9e-46:254:94//Hs.96802:AA443231
 R-PLACE1004114//ESTs//1.2e-64:322:97//Hs.28928:AI052052
 R-PLACE1004118//ESTs//1.0e-83:404:98//Hs.112764:AA609770
 R-PLACE1004128//ESTs//5.3e-80:415:95//Hs.11835:AA040244
 R-PLACE1004149//ESTs//7.2e-25:331:72//Hs.141084:H11714
 R-PLACE1004156//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.0e-56:49
 1:76//Hs.113283:AF018080
 R-PLACE1004161//ESTs//2.0e-59:355:88//Hs.13830:AA918601
 R-PLACE1004183//Homo sapiens cytochrome c oxidase assembly protein COX11
 (COX11) mRNA, complete cds//4.7e-78:434:91//Hs.153504:AF044321
 R-PLACE1004197
 R-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precur
 sor, mRNA, complete cds//1.5e-105:501:98//Hs.24640:AF069493
 R-PLACE1004242//ESTs//1.0e-71:364:87//Hs.138632:H97952
 R-PLACE1004256//EST//0.0011:347:61//Hs.131385:AI022630
 R-PLACE1004257//EST//0.027:99:71//Hs.97587:AA398209
 R-PLACE1004258//KERATIN, TYPE I CYTOSKELETAL 14//0.72:180:63//Hs.117729:
 J00124
 R-PLACE1004270//ESTs//0.011:264:59//Hs.110044:AA181800
 R-PLACE1004274//Human retinoic acid receptor-beta associated open readin
 g frame, complete sequence//0.28:121:66//Hs.1938:S82362
 R-PLACE1004277//Homo sapiens two pore domain K+ channel (TASK-2) mRNA, c
 omplete cds//1.4e-107:581:91//Hs.127007:AF084830
 R-PLACE1004284//ESTs//5.0e-22:187:82//Hs.23141:W92114
 R-PLACE1004289//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT

RY !!!! [H.sapiens] //2.9e-28:279:77//Hs.38687:AA744496
R-PLACE1004302//ESTs, Weakly similar to SOF1 PROTEIN [Saccharomyces cerevisiae] //8.2e-61:313:95//Hs.71435:AI253099
R-PLACE1004316//H.sapiens mRNA for apoptosis specific protein//6.0e-115:590:94//Hs.11171:Y11588
R-PLACE1004336//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//6.7e-69:572:77//Hs.1361:M55053
R-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds//7.7e-72:379:93//Hs.16232:AF100153
R-PLACE1004376//ESTs//0.49:362:59//Hs.138086:AI056309
R-PLACE1004384//EST//1.0:47:76//Hs.128546:AA905556
R-PLACE1004388//ESTs, Weakly similar to contains similarity to ATP/GTP-binding site motif [C.elegans] //1.3e-98:572:90//Hs.14202:N46000
R-PLACE1004405//ESTs//3.4e-99:507:95//Hs.28792:AI343467
R-PLACE1004425//ESTs//2.7e-85:442:95//Hs.12544:N53665
R-PLACE1004428//ESTs//1.0e-07:114:78//Hs.140225:AA704101
R-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds//9.4e-90:516:88//Hs.155410:U49283
R-PLACE1004451
R-PLACE1004460//ESTs//5.4e-14:338:64//Hs.97464:AA662980
R-PLACE1004467//ESTs//3.3e-85:467:92//Hs.9527:W52721
R-PLACE1004471//ESTs//3.0e-73:389:94//Hs.23240:R46578
R-PLACE1004473//ESTs, Weakly similar to F20D1.2 [C.elegans] //3.8e-101:510:95//Hs.16986:W89194
R-PLACE1004491//Human mitochondrial 1,25-dihydroxyvitamin D3 24-hydroxylase mRNA, complete cds//0.23:278:61//Hs.89663:L13286
R-PLACE1004506//ESTs//2.5e-98:559:90//Hs.19447:AI057117
R-PLACE1004510//ESTs//1.5e-91:436:98//Hs.24846:AI420493

R-PLACE1004516//EST//1.7e-66:344:96//Hs.99303:AA453164
 R-PLACE1004518//ESTs//5.2e-79:410:94//Hs.27091:AA436553
 R-PLACE1004548//Homo sapiens mRNA for small GTP-binding protein, complete cds//1.8e-40:332:72//Hs.115325:D84488
 R-PLACE1004550
 R-PLACE1004564//ESTs//5.5e-76:367:98//Hs.49683:AA564742
 R-PLACE1004629//ESTs, Weakly similar to OS-9 precursor [H.sapiens]//8.1e-40:272:87//Hs.7100:W07181
 R-PLACE1004645//ESTs//6.3e-14:83:100//Hs.17270:AA701903
 R-PLACE1004646//ESTs//3.7e-22:231:76//Hs.141250:N29734
 R-PLACE1004658//ESTs//2.0e-12:109:84//Hs.23508:AA101113
 R-PLACE1004664//Homo sapiens mRNA for KIAA0714 protein, partial cds//7.8e-23:129:99//Hs.123129:AB018257
 R-PLACE1004672//ESTs//2.0e-50:256:98//Hs.136367:AI144254
 R-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds//1.8e-90:510:91//Hs.80019:AF035606
 R-PLACE1004681//EST//2.1e-08:283:62//Hs.99543:AA461482
 R-PLACE1004686
 R-PLACE1004691//EST//7.3e-42:305:82//Hs.141833:AA021552
 R-PLACE1004693//ESTs//0.014:135:64//Hs.145333:AI251374
 R-PLACE1004716//ESTs, Weakly similar to No definition line found [C.elegans]//3.4e-80:413:94//Hs.23528:AI279571
 R-PLACE1004722//EST//0.14:165:63//Hs.18213:T97997
 R-PLACE1004736//ESTs//1.0e-72:385:94//Hs.10657:N63911
 R-PLACE1004740//ESTs//1.0:267:58//Hs.101661:AA416619
 R-PLACE1004743//EST//0.45:94:69//Hs.147174:AI192195
 R-PLACE1004751//EST//9.8e-32:174:83//Hs.147901:AI223374
 R-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds//2.7e-89:437:96//Hs.104715:AF084367

R-PLACE1004777//ESTs//7.4e-68:351:94//Hs.23395:AA398548
 R-PLACE1004793//ESTs//1.3e-53:290:78//Hs.142375:AA398619
 R-PLACE1004804//Homo sapiens mRNA for KIAA0606 protein, partial cds//1.9
 e-99:580:88//Hs.38176:AB011178
 R-PLACE1004813//ESTs//7.6e-86:433:96//Hs.85640:AA535856
 R-PLACE1004814//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
 -18) mRNA, complete cds//1.1e-108:358:99//Hs.3688:AF069250
 R-PLACE1004815//EST//4.7e-50:333:84//Hs.142196:AA258356
 R-PLACE1004824//Protein kinase, interferon-inducible double stranded RNA
 dependent//4.8e-46:450:76//Hs.73821:M35663
 R-PLACE1004827//ESTs//2.3e-48:250:96//Hs.138766:AA342185
 R-PLACE1004836//ESTs//2.7e-39:222:94//Hs.78661:AA195299
 R-PLACE1004838//EST//0.056:198:60//Hs.129589:AA995901
 R-PLACE1004840//ESTs, Highly similar to TRANSCRIPTIONAL ACTIVATOR GCN5
 [Saccharomyces cerevisiae]//6.5e-71:381:93//Hs.8383:AA013272
 R-PLACE1004868//ESTs//4.9e-70:367:94//Hs.100895:AA479308
 R-PLACE1004885//Homo sapiens protein phosphatase with EF-hands-2 long fo
 rm (PPEF-2) mRNA, complete cds//1.8e-37:330:78//Hs.113259:AF023456
 R-PLACE1004900//EST//1.2e-46:306:86//Hs.149580:AI281881
 R-PLACE1004902//Sucrase-isomaltase//0.87:254:61//Hs.2996:X63597
 R-PLACE1004913//ESTs//4.5e-75:375:96//Hs.91115:AI221563
 R-PLACE1004918//ESTs//2.6e-103:519:95//Hs.143607:AI424948
 R-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cd
 s//6.6e-102:532:93//Hs.17839:AF099936
 R-PLACE1004934//EST//0.035:156:67//Hs.162071:AA478980
 R-PLACE1004937//ESTs, Weakly similar to F55B12.3 [C.elegans]//6.4e-80:40
 9:95//Hs.31945:AA702166
 R-PLACE1004969//ESTs//9.8e-18:101:99//Hs.112837:N78013
 R-PLACE1004972//ESTs//1.3e-65:337:95//Hs.75798:H29106

R-PLACE1004979//EST//1.2e-96:475:96//Hs.120158:AA708789
R-PLACE1004982//ESTs//1.0e-98:471:98//Hs.106496:AI291776
R-PLACE1004985//ESTs//2.1e-88:456:93//Hs.135050:AI420335
R-PLACE1005026
R-PLACE1005027//ESTs, Weakly similar to N-methyl-D-aspartate receptor glutamate-binding chain [R.norvegicus]//0.72:145:66//Hs.11215:N56719
R-PLACE1005046//Homo sapiens mRNA for KIAA0575 protein, complete cds//5.3e-66:297:88//Hs.153468:AB011147
R-PLACE1005052//ESTs, Weakly similar to weak similarity to rat cytosolic acyl coenzyme A thioester hydrolase [C.elegans]//1.2e-106:543:95//Hs.18625:AI074605
R-PLACE1005066//ESTs//3.9e-92:459:96//Hs.62684:AA806103
R-PLACE1005077//Human triadin mRNA, complete cds//1.8e-05:121:69//Hs.68731:U18985
R-PLACE1005085//Homo sapiens PYRIN (MEFV) mRNA, complete cds//6.6e-49:314:74//Hs.113283:AF018080
R-PLACE1005086//ESTs//1.2e-73:379:94//Hs.110128:AA584364
R-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//8.0e-99:531:92//Hs.75437:L40401
R-PLACE1005102//ESTs//7.2e-68:493:84//Hs.10593:AI201336
R-PLACE1005108//Human DNA fragmentation factor-45 mRNA, complete cds//9.2e-40:232:82//Hs.155344:U91985
R-PLACE1005111//EST//8.1e-10:189:68//Hs.136356:AA493225
R-PLACE1005128//ESTs//1.4e-78:501:87//Hs.15093:AA203423
R-PLACE1005146//ESTs//4.8e-93:460:97//Hs.37896:AA777349
R-PLACE1005162//ESTs//7.5e-51:277:95//Hs.28838:AI089013
R-PLACE1005176//ESTs//5.4e-75:366:97//Hs.48119:AA454227
R-PLACE1005181//EST//0.012:172:66//Hs.147107:AI190589
R-PLACE1005187//ESTs//5.6e-72:363:95//Hs.16577:AI022830

R-PLACE1005206//ESTs//5.3e-48:203:88//Hs.31792:H45211
 R-PLACE1005232//ESTs//5.1e-41:287:84//Hs.138552:R99532
 R-PLACE1005243//ESTs//1.1e-48:348:83//Hs.113310:R16767
 R-PLACE1005261//ESTs//0.19:175:62//Hs.124337:AA829524
 R-PLACE1005266//ESTs//1.9e-22:388:66//Hs.124146:AA699633
 R-PLACE1005277//ESTs//1.5e-29:314:72//Hs.163710:AA024516
 R-PLACE1005287//ESTs//3.6e-95:456:98//Hs.49282:AA970322
 R-PLACE1005305//ESTs//9.9e-71:428:88//Hs.144855:AI197937
 R-PLACE1005308//ESTs//3.8e-32:173:96//Hs.58239:AA215797
 R-PLACE1005313//ESTs//5.2e-74:409:93//Hs.33368:AA206614
 R-PLACE1005327//Chromosome 1 specific transcript KIAA0491//1.7e-104:537:
 94//Hs.136309:AB007960
 R-PLACE1005331//ESTs//2.1e-91:487:93//Hs.9291:AI189343
 R-PLACE1005335//ESTs, Weakly similar to F23B2.4 [C.elegans]//3.8e-90:442
 :97//Hs.70202:AA732975
 R-PLACE1005373//ESTs//8.0e-93:526:91//Hs.98541:N38901
 R-PLACE1005374//Homo sapiens KIAA0395 mRNA, partial cds//3.3e-44:344:80/
 /Hs.43681:AL022394
 R-PLACE1005409//EST//0.43:174:59//Hs.162077:AA479978
 R-PLACE1005453//EST//7.9e-57:330:90//Hs.162306:AA555304
 R-PLACE1005467//ESTs//2.2e-42:294:84//Hs.142257:AA188423
 R-PLACE1005471//Human Line-1 repeat mRNA with 2 open reading frames//2.3
 e-88:561:86//Hs.23094:M19503
 R-PLACE1005477//Human methionine aminopeptidase mRNA, complete cds//6.9e
 -80:549:83//Hs.78935:U29607
 R-PLACE1005480//EST//0.99:39:82//Hs.157275:AI364046
 R-PLACE1005481//EST//1.5e-31:281:79//Hs.132635:AI032875
 R-PLACE1005494//Homo sapiens mRNA for semaphorin E, complete cds//0.036:
 319:59//Hs.62705:AB000220

R-PLACE1005502//Homo sapiens formin binding protein 21 mRNA, complete cds//5.4e-57:277:98//Hs.28307:AF071185

R-PLACE1005526//ESTs//2.5e-30:233:83//Hs.119304:AA443325

R-PLACE1005528//Homo sapiens mRNA for cartilage-associated protein (CASP) //8.9e-20:321:69//Hs.155481:AJ006470

R-PLACE1005530//ESTs//3.7e-81:438:92//Hs.103380:AI291325

R-PLACE1005550//ESTs, Highly similar to HYPOTHETICAL 40.2 KD PROTEIN K1 2H4.3 IN CHROMOSOME III [Caenorhabditis elegans] //5.2e-95:458:98//Hs.38114:N62927

R-PLACE1005554//ESTs//8.8e-36:267:86//Hs.98288:AA203555

R-PLACE1005557//ESTs, Highly similar to MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L2 PRECURSOR [Saccharomyces cerevisiae] //2.2e-64:345:94//Hs.7736:W81261

R-PLACE1005574//ESTs//2.3e-27:231:83//Hs.117771:R99835

R-PLACE1005584//ESTs//1.6e-36:188:98//Hs.152050:AA724612

R-PLACE1005595//ESTs//1.6e-91:453:96//Hs.85079:AI276023

R-PLACE1005603//ESTs//8.2e-99:533:93//Hs.96357:AI026927

R-PLACE1005611//ESTs//5.2e-28:183:89//Hs.24941:AA261857

R-PLACE1005623//ESTs//1.4e-102:505:96//Hs.58382:AA808964

R-PLACE1005630

R-PLACE1005639//ESTs//1.4e-51:256:98//Hs.1975:W72452

R-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds//1.0e-111:585:93//Hs.8765:AF083255

R-PLACE1005656//ESTs//2.7e-88:469:92//Hs.164054:AA528169

R-PLACE1005666//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//3.3e-24:401:66//Hs.129727:AF035587

R-PLACE1005698//ESTs//0.00013:82:79//Hs.116331:AA629355

R-PLACE1005727//EST//0.15:206:63//Hs.105002:AA449332

R-PLACE1005730//EST//0.0014:129:70//Hs.127931:AA969259

R-PLACE1005739//ESTs, Moderately similar to unknown intracellular protein [M.musculus]//1.3e-42:236:94//Hs.23889:AI341137

R-PLACE1005755//ESTs//2.8e-32:308:80//Hs.159821:AA524070

R-PLACE1005763//Human mRNA for KIAA0118 gene, partial cds//3.3e-47:268:87//Hs.154326:D42087

R-PLACE1005799//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK 757.1 IN CHROMOSOME III [Caenorhabditis elegans]//7.7e-15:88:98//Hs.109857:AA088385

R-PLACE1005802//ESTs//2.8e-19:208:76//Hs.9271:W30941

R-PLACE1005803//ESTs//2.6e-75:417:92//Hs.71414:AA131327

R-PLACE1005804//EST//6.5e-20:182:70//Hs.149844:AI287693

R-PLACE1005828//ESTs//3.0e-15:194:77//Hs.106236:N50058

R-PLACE1005834//Retinoblastoma 1 (including osteosarcoma)//0.040:435:58//Hs.75770:L41870

R-PLACE1005845//EST//5.0e-61:294:99//Hs.133202:AI050965

R-PLACE1005850//ESTs//3.4e-82:425:96//Hs.7966:AI203471

R-PLACE1005851//ESTs//2.9e-21:165:84//Hs.23607:N98305

R-PLACE1005876//ESTs//0.48:296:57//Hs.39140:AI041842

R-PLACE1005884//ESTs//0.0027:177:66//Hs.150295:AA570558

R-PLACE1005898//ESTs//1.7e-98:467:98//Hs.159475:AI339981

R-PLACE1005921//ESTs//5.8e-96:480:95//Hs.30822:AA885501

R-PLACE1005923//ESTs//1.8e-66:333:96//Hs.150890:AI341793

R-PLACE1005925//Human Line-1 repeat mRNA with 2 open reading frames//2.8e-27:382:70//Hs.23094:M19503

R-PLACE1005932//ESTs, Moderately similar to MNK1 [H.sapiens]//1.1e-70:377:93//Hs.5662:AA868361

R-PLACE1005934//ESTs//1.0e-42:251:91//Hs.25092:AA922142

R-PLACE1005936//ESTs//1.2e-88:461:94//Hs.94125:N62913

R-PLACE1005951//ESTs//1.4e-83:533:86//Hs.21148:AI183729

R-PLACE1005953

R-PLACE1005955//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN IN CDC12-ORC6 INTERGENIC REGION [*Saccharomyces cerevisiae*]//2.2e-83:494:88//Hs.108117:AI097079

R-PLACE1005966//ESTs//1.1e-95:465:97//Hs.98510:AI016239

R-PLACE1005968//EST//0.26:103:66//Hs.161300:AI420897

R-PLACE1005990

R-PLACE1006002//Human mRNA for KIAA0355 gene, complete cds//2.0e-45:481:74//Hs.153014:AB002353

R-PLACE1006003//ESTs, Highly similar to HYPOTHETICAL 30.3 KD PROTEIN IN APE1/LAP4-CWP1 INTERGENIC REGION [*Saccharomyces cerevisiae*]//3.1e-112:593:93//Hs.111449:AI192946

R-PLACE1006011//ESTs, Moderately similar to NAD(+) ADP-RIBOSYLTRANSFERASE [D.melanogaster]//5.7e-100:596:88//Hs.24284:AA595596

R-PLACE1006017//ESTs//4.2e-18:296:68//Hs.133350:AI056276

R-PLACE1006037//ESTs, Weakly similar to T23D8.3 [*C.elegans*]//4.1e-102:491:98//Hs.61164:AI096332

R-PLACE1006040//ESTs//1.2e-92:443:98//Hs.111680:N93765

R-PLACE1006076//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//2.0e-26:213:77//Hs.139007:H74314

R-PLACE1006119//ESTs//0.14:257:61//Hs.113149:AA908904

R-PLACE1006129//ESTs//3.8e-54:285:97//Hs.18827:W68002

R-PLACE1006139//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [*Saccharomyces cerevisiae*]//2.6e-99:560:91//Hs.5249:U55977

R-PLACE1006143//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)//0.038:463:59//Hs.904:U84010

R-PLACE1006157//ESTs//0.014:341:58//Hs.121773:AI357886

R-PLACE1006159//EST//0.00036:247:61//Hs.140054:AA668925
R-PLACE1006164//ESTs//2.6e-31:362:73//Hs.141024:H07128
R-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149//5.8e-54:286:9
4//Hs.152894:AC005239
R-PLACE1006170//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]
s]//2.7e-79:393:96//Hs.19121:AI125280
R-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//5.1e-118:597:
95//Hs.30464:AF091433
R-PLACE1006195//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//6.8e-94:532:91//Hs.105216:AI361807
R-PLACE1006196//ESTs//3.2e-66:382:90//Hs.18665:T99507
R-PLACE1006205//EST//1.7e-89:448:96//Hs.116665:AA669114
R-PLACE1006223//Human RNaseP protein p38 (RPP38) mRNA, complete cds//0.9
0:304:58//Hs.94986:U77664
R-PLACE1006225//ESTs//7.2e-96:474:97//Hs.91165:AI079555
R-PLACE1006236//ESTs//8.8e-105:535:95//Hs.7919:AI341472
R-PLACE1006239//Homo sapiens BAC clone RG118D07 from 7q31//3.2e-99:497:9
5//Hs.3781:AC004142
R-PLACE1006246//ESTs, Weakly similar to CMP-sialic acid transporter [M.m
usculus]//1.3e-104:532:95//Hs.41151:AI301961
R-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds//3.0
e-97:499:95//Hs.31921:AB014548
R-PLACE1006262//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens]//1.6e-07:321:62//Hs.53057:W67839
R-PLACE1006288//Voltage-dependent anion channel 1//3.8e-100:605:88//Hs.2
060:L06132
R-PLACE1006318//ESTs//2.4e-102:536:94//Hs.8109:AA005265
R-PLACE1006325//ESTs//5.2e-105:518:96//Hs.102319:AI246503
R-PLACE1006335//ESTs//5.1e-45:254:93//Hs.153585:R70900

R-PLACE1006357//EST//6.5e-09:309:62//Hs.132493:AA923168
 R-PLACE1006360//Human mRNA for KIAA0090 gene, partial cds//0.0097:381:58
 //Hs.154797:D42044
 R-PLACE1006368//ESTs//7.9e-85:412:97//Hs.150587:AI079284
 R-PLACE1006371//ESTs//7.7e-74:442:88//Hs.143671:W61053
 R-PLACE1006382
 R-PLACE1006385//ESTs//5.3e-06:346:61//Hs.163706:AA515748
 R-PLACE1006412//EST//7.7e-46:306:86//Hs.149580:AI281881
 R-PLACE1006414//Homo sapiens LIM protein mRNA, complete cds//4.1e-43:551
 :69//Hs.154103:AF061258
 R-PLACE1006438//ESTs//1.1e-77:284:86//Hs.24545:AI278629
 R-PLACE1006445//ESTs//4.4e-53:259:99//Hs.24481:AA573139
 R-PLACE1006469//ESTs//9.4e-102:482:98//Hs.7218:AA936961
 R-PLACE1006470//ESTs//1.0:271:57//Hs.144517:AA938297
 R-PLACE1006482//ESTs//4.0e-61:354:92//Hs.51305:T47418
 R-PLACE1006492//EST//1.8e-09:48:91//Hs.144451:AA827722
 R-PLACE1006506//ESTs//0.012:161:61//Hs.145333:AI251374
 R-PLACE1006521//Human mRNA for KIAA0013 gene, complete cds//2.1e-15:415:
 63//Hs.48824:D87717
 R-PLACE1006531//ESTs//5.6e-31:213:87//Hs.125153:AA453723
 R-PLACE1006534//ESTs//6.5e-101:512:95//Hs.27763:W46368
 R-PLACE1006540//ESTs//7.3e-40:320:79//Hs.121659:H02532
 R-PLACE1006552//EST//0.38:418:56//Hs.140470:AA765214
 R-PLACE1006598//ESTs//4.0e-80:409:95//Hs.142868:AI128443
 R-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eI
 F3, p35 subunit mRNA, complete cds//9.3e-118:590:95//Hs.155377:U97670
 R-PLACE1006617//ESTs//8.1e-31:246:83//Hs.139128:AA205322
 R-PLACE1006626//ESTs//0.90:98:68//Hs.96322:AA541615
 R-PLACE1006629//Human mRNA for KIAA0386 gene, complete cds//5.3e-33:315:

78//Hs.101359:AB002384
R-PLACE1006640//ESTs//3.7e-26:137:100//Hs.32672:W16522
R-PLACE1006673//Interleukin 10//8.4e-47:330:83//Hs.2180:M57627
R-PLACE1006678//ESTs//1.1e-13:87:98//Hs.34035:D87736
R-PLACE1006704//ESTs//2.6e-65:394:89//Hs.30582:D12214
R-PLACE1006731//Homo sapiens clone 23923 mRNA sequence//1.9e-102:486:98/
/Hs.12472:AF038172
R-PLACE1006754//EST//1.0e-61:381:89//Hs.14727:T83861
R-PLACE1006760//Homo sapiens clone 24800 mRNA sequence//3.8e-73:394:93//
Hs.7252:AF070622
R-PLACE1006779//ESTs//1.4e-69:405:90//Hs.136235:AA262658
R-PLACE1006782//EST//1.8e-25:197:86//Hs.137257:N33234
R-PLACE1006792//ESTs//1.8e-43:317:84//Hs.139190:N55515
R-PLACE1006795//ESTs//6.4e-68:350:95//Hs.11092:AA916335
R-PLACE1006800//ESTs//1.9e-55:268:100//Hs.126695:AA917989
R-PLACE1006805//ESTs//6.6e-91:484:93//Hs.94262:AA768847
R-PLACE1006815//ESTs//2.1e-49:364:83//Hs.142031:AA809159
R-PLACE1006819//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HO
MOLOG [Homo sapiens]//1.0e-87:481:92//Hs.141263:H64113
R-PLACE1006829//ESTs//5.7e-43:332:83//Hs.19906:AA456933
R-PLACE1006860//ESTs//0.96:138:63//Hs.136649:AA828359
R-PLACE1006867//ESTs//1.4e-98:478:97//Hs.10299:N35008
R-PLACE1006878//EST//8.4e-48:243:97//Hs.54970:N93536
R-PLACE1006883//EST//3.1e-46:300:88//Hs.162404:AA573131
R-PLACE1006901//ESTs//3.0e-95:496:94//Hs.47546:AA181348
R-PLACE1006904//ESTs//5.8e-18:304:68//Hs.125816:AA806089
R-PLACE1006917//Endothelin receptor type B//0.00012:451:60//Hs.82002:D13
168
R-PLACE1006932//ESTs//4.6e-56:285:96//Hs.114727:A1379514

R-PLACE1006935//ESTs//3.6e-12:157:73//Hs.161714:AA229078
 R-PLACE1006958//Human mRNA for KIAA0201 gene, complete cds//3.2e-25:494:
 63//Hs.36927:D86956
 R-PLACE1006961//Tyrosine aminotransferase//2.5e-46:471:74//Hs.2999:X5252
 0
 R-PLACE1006962//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//
 9.0e-29:324:68//Hs.154257:A1275982
 R-PLACE1006966//ESTs//4.5e-99:470:99//Hs.46913:A1017636
 R-PLACE1006989//ESTs//2.2e-68:353:97//Hs.14394:R61257
 R-PLACE1007014//ESTs//3.4e-86:457:94//Hs.129819:AA838366
 R-PLACE1007021//ESTs//1.6e-93:539:90//Hs.7111:U55971
 R-PLACE1007045//Human Line-1 repeat mRNA with 2 open reading frames//6.6
 e-83:584:82//Hs.23094:M19503
 R-PLACE1007053//ESTs//4.2e-85:550:88//Hs.7984:A1202575
 R-PLACE1007097//ESTs//6.4e-78:493:86//Hs.56406:N91027
 R-PLACE1007105//ESTs//5.3e-70:381:91//Hs.22605:N74202
 R-PLACE1007111//ESTs//8.6e-75:358:99//Hs.145629:AA398646
 R-PLACE1007112//ESTs//6.9e-69:371:94//Hs.71922:AA148417
 R-PLACE1007132//ESTs//1.2e-36:373:69//Hs.10762:W28948
 R-PLACE1007140//ESTs//1.7e-70:360:96//Hs.56179:W56794
 R-PLACE1007178//EST//0.68:85:65//Hs.147010:A1184765
 R-PLACE1007226//ESTs//3.1e-78:452:90//Hs.8033:N94998
 R-PLACE1007238//ESTs//5.2e-70:362:95//Hs.85636:AA740619
 R-PLACE1007239//Human mRNA for transcription elongation factor S-II, hS-
 II-T1, complete cds//6.3e-93:534:89//Hs.80598:D50495
 R-PLACE1007242//ESTs//1.2e-80:390:98//Hs.117325:AA699450
 R-PLACE1007243//ESTs, Weakly similar to transporter protein [H.sapiens]/
 /3.7e-73:357:98//Hs.18272:N78499
 R-PLACE1007257//Homo sapiens mRNA for dia-156 protein//4.3e-85:487:91//H

s.121556:Y15909

R-PLACE1007274//ESTs//4.3e-79:430:93//Hs.146023:AI275071

R-PLACE1007276//ESTs//1.5e-33:338:74//Hs.142850:R38419

R-PLACE1007282//ESTs//4.8e-98:532:93//Hs.10071:AA100812

R-PLACE1007286//Human mRNA for KIAA0118 gene, partial cds//2.9e-50:518:74//Hs.154326:D42087

R-PLACE1007301

R-PLACE1007317

R-PLACE1007342

R-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds//1.2e-66:367:91//Hs.76596:AF096870

R-PLACE1007367//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-98:488:96//Hs.24359:AA699594

R-PLACE1007375//ESTs//2.3e-67:375:92//Hs.33368:AA206614

R-PLACE1007386//ESTs//0.020:242:62//Hs.42768:AI129945

R-PLACE1007402//ESTs//1.6e-91:441:97//Hs.26243:AA455877

R-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence//2.4e-113:590:94//Hs.14387:AF093771

R-PLACE1007416//ESTs, Weakly similar to DIPEPTIDYL PEPTIDASE IV [H.sapiens]//3.8e-115:579:95//Hs.72165:AI243857

R-PLACE1007450//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.7e-38:311:80//Hs.97203:U83171

R-PLACE1007452//EST//2.5e-42:386:77//Hs.140562:AA826514

R-PLACE1007460//ESTs//4.9e-87:434:95//Hs.28472:AI028230

R-PLACE1007478

R-PLACE1007484//ESTs//6.8e-08:64:92//Hs.100251:AA535975

R-PLACE1007488//Dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272//0.26:411:60//Hs.79012:M18533

R-PLACE1007507//ESTs//2.2e-11:136:76//Hs.128815:AA678072
R-PLACE1007511//ESTs, Highly similar to KERATIN, TYPE I CYTOSKELETAL 14
[Homo sapiens]//1.5e-41:261:89//Hs.9029:W57657
R-PLACE1007524//ESTs//5.8e-45:297:87//Hs.154923:AA491377
R-PLACE1007525//Human mRNA for KIAA0118 gene, partial cds//1.9e-44:422:7
5//Hs.154326:D42087
R-PLACE1007544//ESTs//8.4e-59:327:93//Hs.27410:N25612
R-PLACE1007547//EST//0.00010:107:71//Hs.146867:AI161404
R-PLACE1007557//ESTs//1.6e-43:356:79//Hs.44702:AI148840
R-PLACE1007583//ESTs//1.7e-41:214:97//Hs.155071:AA584257
R-PLACE1007598//Homo sapiens clone 23939 mRNA sequence//4.8e-104:554:93/
/Hs.21838:AF038179
R-PLACE1007618//Lymphocyte cytosolic protein 1 (L-plastin)//0.54:161:65/
/Hs.76506:J02923
R-PLACE1007621//Homo sapiens clone 23859 mRNA sequence//4.8e-105:537:94/
/Hs.151046:AF038176
R-PLACE1007632
R-PLACE1007645//ESTs//0.99:187:62//Hs.163453:AI344106
R-PLACE1007649//ESTs//2.2e-108:561:94//Hs.24398:AI262946
R-PLACE1007677//ESTs, Moderately similar to !!!! ALU SUBFAMILY SB2 WARNI
NG ENTRY !!!! [H.sapiens]//9.0e-37:190:97//Hs.23437:AA707331
R-PLACE1007688//ESTs//7.5e-79:409:95//Hs.6166:AI376944
R-PLACE1007690//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE C
HAIN 5 [Ascaris suum]//3.4e-61:384:89//Hs.92918:AA133274
R-PLACE1007697//ESTs, Highly similar to GCN20 PROTEIN [Saccharomyces ce
revisiae]//1.8e-84:501:88//Hs.91251:U66685
R-PLACE1007705//Human mRNA for apolipoprotein E receptor 2, complete cds
//0.43:307:59//Hs.54481:D86407
R-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds/

/5.7e-75:374:96//Hs.4812:AF061243
R-PLACE1007725//ESTs, Weakly similar to No definition line found [C.elegans] //3.1e-39:253:88//Hs.108797:AA476815
R-PLACE1007729//ESTs//2.7e-44:392:79//Hs.142375:AA398619
R-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds//6.7e-94:556:89//Hs.153121:AB014585
R-PLACE1007737//ESTs//1.1e-41:345:80//Hs.114671:N39322
R-PLACE1007743//ESTs//2.8e-17:98:100//Hs.124258:AA976778
R-PLACE1007746//ESTs//5.3e-69:413:90//Hs.5297:AA156903
R-PLACE1007791//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [Bacillus subtilis] //8.6e-27:143:98//Hs.144194:AA706337
R-PLACE1007807//Human Line-1 repeat mRNA with 2 open reading frames//9.9e-45:428:76//Hs.23094:M19503
R-PLACE1007810//ESTs//5.9e-15:143:82//Hs.126257:AI279044
R-PLACE1007829//ESTs//2.2e-22:190:84//Hs.142707:W24050
R-PLACE1007843//ESTs//5.3e-110:556:95//Hs.107287:AI308839
R-PLACE1007846//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-95:525:91//Hs.23094:M19503
R-PLACE1007852//ESTs//4.5e-14:174:75//Hs.153419:N52017
R-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds//2.1e-111:574:94//Hs.28020:AB018309
R-PLACE1007866//EST//1.8e-48:262:96//Hs.141009:H01178
R-PLACE1007877//ESTs//1.2e-94:478:96//Hs.5999:AI207832
R-PLACE1007897//ESTs//2.3e-92:437:99//Hs.122843:AI189060
R-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.8e-89:460:95//Hs.92381:AB007956
R-PLACE1007946//ESTs//2.8e-28:172:78//Hs.126784:AA521510
R-PLACE1007954//ESTs//6.1e-72:366:95//Hs.27842:AI217966
R-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, com

plete cds//3.9e-103:509:96//Hs.5671:AF084530
R-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B)
mRNA, partial cds//7.2e-89:465:93//Hs.78106:AF079529
R-PLACE1007969//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.4e-113:5
34:99//Hs.44268:AA455900
R-PLACE1007990//ESTs, Highly similar to DOSAGE COMPENSATION REGULATOR [
Drosophila melanogaster]//3.8e-97:493:95//Hs.6141:U69564
R-PLACE1008000//ESTs//0.00013:241:65//Hs.44369:AI206835
R-PLACE1008002//ESTs//2.2e-83:397:98//Hs.28780:AI263612
R-PLACE1008044//ESTs, Moderately similar to NUCLEAR PORE COMPLEX PROTEIN
NUP107 [R.norvegicus]//2.0e-115:575:95//Hs.92395:AA779854
R-PLACE1008045//EST//2.6e-89:465:94//Hs.47374:N51935
R-PLACE1008080//EST//0.27:118:65//Hs.144110:AI054269
R-PLACE1008095//ESTs//5.5e-23:268:73//Hs.152525:AA516469
R-PLACE1008111//ESTs, Weakly similar to oxidoreductase [H.sapiens]//4.4e
-108:537:96//Hs.28877:AI309334
R-PLACE1008122//ESTs//6.5e-103:531:94//Hs.34737:AI028617
R-PLACE1008129//ESTs//0.76:96:66//Hs.65373:AA883511
R-PLACE1008132//ESTs//5.9e-05:113:72//Hs.13014:W26381
R-PLACE1008177//ESTs//7.2e-107:557:93//Hs.132851:AI028266
R-PLACE1008181//ESTs//5.3e-97:473:97//Hs.57483:AA776267
R-PLACE1008198//ESTs//3.9e-16:120:85//Hs.9142:AA662107
R-PLACE1008201//Homo sapiens mRNA for KIAA0530 protein, partial cds//1.6
e-104:551:93//Hs.10801:AB011102
R-PLACE1008209//ESTs//1.2e-72:366:96//Hs.92308:AI052701
R-PLACE1008231//ESTs//1.2e-70:363:94//Hs.25094:R80871
R-PLACE1008244//ESTs//1.3e-98:543:92//Hs.25130:AA218990
R-PLACE1008273//ESTs//6.1e-16:153:79//Hs.115987:AA483808
R-PLACE1008275

R-PLACE1008280//ESTs//1.3e-66:353:94//Hs.156376:AI338705
R-PLACE1008309//ESTs//2.8e-100:511:95//Hs.45080:N49852
R-PLACE1008329//V-myc avian myelocytomatosis viral oncogene homolog//0.5
3:206:62//Hs.79070:K02276
R-PLACE1008330//ESTs, Weakly similar to EOSINOPHIL LYSOPHOSPHOLIPASE [H.
sapiens] //8.6e-79:297:91//Hs.146477:AI128445
R-PLACE1008331//ESTs//0.98:156:62//Hs.108548:AA081656
R-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds//2.1
e-99:556:90//Hs.5734:AB014579
R-PLACE1008368//EST//0.0027:198:63//Hs.160868:AI359052
R-PLACE1008369//ESTs//5.4e-28:167:92//Hs.19530:AA480009
R-PLACE1008392//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens] //2.0e-41:448:72//Hs.139007:H74314
R-PLACE1008398//ESTs, Highly similar to Mig-6//1.4e-103:529:94//Hs.11169
:AA156242
R-PLACE1008401//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens] //1.2e-81:536:87//Hs.7570:W31010
R-PLACE1008402//Homo sapiens mRNA for p115, complete cds//5.1e-103:521:9
5//Hs.7763:D86326
R-PLACE1008405//ESTs//1.2e-89:485:92//Hs.138241:AA767440
R-PLACE1008424//ESTs//6.7e-97:508:93//Hs.6709:AI379778
R-PLACE1008426//ESTs//5.5e-30:174:92//Hs.7946:AA651757
R-PLACE1008429//ESTs//2.1e-12:188:71//Hs.140769:AA931562
R-PLACE1008437//ESTs//7.1e-54:266:98//Hs.13068:AA001928
R-PLACE1008455//ESTs//4.7e-69:471:85//Hs.28337:AA210761
R-PLACE1008457//EST//8.6e-14:202:71//Hs.149887:AI289387
R-PLACE1008465//ESTs//3.8e-80:426:93//Hs.153146:AI299636
R-PLACE1008488//ESTs//7.9e-73:388:94//Hs.97268:AA292180
R-PLACE1008524//ESTs//7.4e-107:545:95//Hs.10441:N62816

R-PLACE1008531//ESTs//3.8e-68:427:87//Hs.56607:H23560
R-PLACE1008532
R-PLACE1008533//ESTs//2.5e-52:318:88//Hs.7274:AA476850
R-PLACE1008568//ESTs//3.2e-99:486:97//Hs.84414:AI423223
R-PLACE1008584//EST//2.2e-18:154:68//Hs.141498:N50064
R-PLACE1008621//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens] /
/8.6e-67:483:82//Hs.140416:AA778649
R-PLACE1008625
R-PLACE1008626//ESTs//4.7e-73:372:95//Hs.23491:AA642454
R-PLACE1008627//ESTs//1.6e-90:475:93//Hs.102401:AI004972
R-PLACE1008629//ESTs//8.0e-93:492:93//Hs.20843:AA699512
R-PLACE1008630//ESTs//1.0e-94:453:98//Hs.34840:AI279612
R-PLACE1008643//Human mRNA for KIAA0355 gene, complete cds//2.8e-49:422:
79//Hs.153014:AB002353
R-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, compl
ete cds//7.9e-90:434:97//Hs.147967:AF044333
R-PLACE1008693//ISLET AMYLOID POLYPEPTIDE PRECURSOR//1.8e-41:505:71//Hs.
51048:X68830
R-PLACE1008696//Cytochrome P450, subfamily I (aromatic compound-inducibl
e), polypeptide 2//1.7e-51:316:76//Hs.1361:M55053
R-PLACE1008715//EST//0.63:114:64//Hs.121353:AA758600
R-PLACE1008748//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !
, !!! [H.sapiens]//2.3e-40:281:83//Hs.142209:AA873303
R-PLACE1008757//ESTs//1.4e-45:226:99//Hs.22822:H06408
R-PLACE1008790//ESTs//0.035:67:76//Hs.153554:AI286313
R-PLACE1008798//ESTs//4.9e-59:285:99//Hs.49018:N79930
R-PLACE1008807//ESTs//1.7e-82:413:96//Hs.130745:AA573217
R-PLACE1008808//Homo sapiens putative checkpoint control protein HRAD1 m
RNA, complete cds//1.1e-98:499:95//Hs.7179:AF011905

R-PLACE1008813//ESTs, Weakly similar to coded for by C. elegans cDNA cml
0e3 [C.elegans]//4.2e-92:490:93//Hs.110454:H11810

R-PLACE1008851//ESTs//2.4e-84:421:95//Hs.158893:AI378428

R-PLACE1008854

R-PLACE1008867//ESTs//1.1e-77:400:95//Hs.44198:AI093502

R-PLACE1008887//Oxytocin receptor//1.1e-43:601:67//Hs.2820:X64878

R-PLACE1008902//ESTs//0.023:208:61//Hs.154164:AI246893

R-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//2.6
e-56:344:89//Hs.62318:AB018308

R-PLACE1008925//ESTs//0.17:294:57//Hs.105113:AA457018

R-PLACE1008934//ESTs//2.0e-61:339:92//Hs.100448:AA622653

R-PLACE1008941//ESTs, Moderately similar to ATP-BINDING CASSETTE TRANSP
ORTER 2 [Mus musculus]//1.3e-19:488:63//Hs.15780:U66680

R-PLACE1008947//ESTs//1.3e-81:385:99//Hs.71574:AI376573

R-PLACE1009020//ESTs//2.9e-79:419:94//Hs.121816:AA775419

R-PLACE1009027//Homo sapiens mRNA for doublecortin//3.1e-82:434:94//Hs.3
4780:AJ003112

R-PLACE1009039//ESTs//2.8e-83:448:92//Hs.129179:AA988520

R-PLACE1009045//ESTs//1.6e-64:318:97//Hs.103423:AA814195

R-PLACE1009048//ESTs//2.7e-17:403:63//Hs.149343:AI249139

R-PLACE1009050//ESTs//2.0e-88:475:92//Hs.122925:AA909008

R-PLACE1009060//ESTs, Highly similar to HYPOTHETICAL 98.3 KD PROTEIN RI
OE12.1 IN CHROMOSOME III [Caenorhabditis elegans]//1.2e-112:555:96//Hs.9
663:AA527142

R-PLACE1009090//ESTs//5.0e-13:175:75//Hs.140608:N53448

R-PLACE1009094//Human splicing factor SRp30c mRNA, complete cds//0.98:16
1:63//Hs.77608:AL021546

R-PLACE1009099//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//0.
037:63:84//Hs.39943:AA203136

R-PLACE1009110//EST//5.8e-17:307:65//Hs.117264:AA682549
 R-PLACE1009111//ESTs//1.9e-57:349:90//Hs.11260:N98983
 R-PLACE1009130//ESTs, Weakly similar to hypothetical protein 2 [H.sapiens]//6.5e-97:501:94//Hs.11123:AA703945
 R-PLACE1009150//LAMIN B1//0.064:393:60//Hs.89497:L37747
 R-PLACE1009155//ESTs, Moderately similar to ovarian-specific protein [R. norvegicus]//2.5e-36:163:82//Hs.93332:AA811920
 R-PLACE1009158//ESTs//0.30:149:65//Hs.155796:R80005
 R-PLACE1009166//ESTs//3.3e-34:292:77//Hs.140255:AA708322
 R-PLACE1009172//EST//8.9e-21:364:67//Hs.142557:AA464948
 R-PLACE1009174//ESTs//2.9e-18:274:70//Hs.139241:AA283707
 R-PLACE1009183//ESTs//2.3e-44:297:87//Hs.136839:H93717
 R-PLACE1009186//ESTs, Weakly similar to No definition line found [C.elegans]//1.5e-109:572:94//Hs.54943:Z78396
 R-PLACE1009190//ESTs//2.6e-53:318:90//Hs.25245:AA176701
 R-PLACE1009200//H.sapiens mRNA for sortilin//3.2e-33:195:92//Hs.104247:X98248
 R-PLACE1009230//ESTs//3.0e-31:153:92//Hs.124116:AA772680
 R-PLACE1009246//ESTs//2.7e-90:488:92//Hs.10706:AA909018
 R-PLACE1009308//ESTs//0.022:46:97//Hs.36545:AA075423
 R-PLACE1009319//ESTs//7.7e-99:533:92//Hs.109654:N91279
 R-PLACE1009328//Human Line-1 repeat mRNA with 2 open reading frames//7.3e-82:578:82//Hs.23094:M19503
 R-PLACE1009335//EST//1.3e-64:311:99//Hs.130558:AI004397
 R-PLACE1009338//ESTs//6.0e-70:386:93//Hs.3542:AI015782
 R-PLACE1009368//ESTs//1.4e-18:107:98//Hs.133303:W04760
 R-PLACE1009375//ESTs//8.9e-36:313:76//Hs.24608:AA161260
 R-PLACE1009388//EST//4.4e-11:101:83//Hs.147074:AI188883
 R-PLACE1009398//ESTs//5.7e-63:335:93//Hs.149003:AI243186

R-PLACE1009404//ESTs//3.6e-94:452:98//Hs.103177:W72798
R-PLACE1009410//ESTs//2.2e-112:553:96//Hs.61779:AA195255
R-PLACE1009434//EST//3.4e-15:109:74//Hs.103742:U48632
R-PLACE1009443//EST//7.5e-61:302:98//Hs.157787:AI361269
R-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//6.6e-85:479:90//Hs.
76987:AF012872
R-PLACE1009459//ESTs//9.3e-86:437:95//Hs.104871:AI161427
R-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1//1.
3e-42:266:89//Hs.155049:AC004531
R-PLACE1009477//ESTs//2.0e-50:367:82//Hs.152788:AA630925
R-PLACE1009493//ESTs//4.5e-14:150:78//Hs.143918:AA699596
R-PLACE1009524//ESTs//2.9e-97:454:99//Hs.7189:AA767698
R-PLACE1009539//ESTs//9.1e-94:454:97//Hs.154706:AI262131
R-PLACE1009542//Homo sapiens apoptotic protease activating factor 1 (Apa
f-1) mRNA, complete cds//1.4e-10:289:63//Hs.77579:AF013263
R-PLACE1009571//ESTs//2.1e-23:125:100//Hs.41767:AA732326
R-PLACE1009581//ESTs, Weakly similar to FIBRINOGEN ALPHA AND ALPHA-E CHA
IN PRECURSORS [H.sapiens]//0.0012:56:91//Hs.12151:AA001818
R-PLACE1009595//Homo sapiens mRNA for KIAA0635 protein, complete cds//6.
0e-42:547:70//Hs.69157:AB014535
R-PLACE1009596//ESTs//1.9e-102:588:90//Hs.142395:AI374735
R-PLACE1009607//ESTs//0.0093:107:70//Hs.70932:AA126482
R-PLACE1009613//ESTs//7.5e-101:488:97//Hs.5905:AA946680
R-PLACE1009621//EST//0.99:261:60//Hs.149030:AI243338
R-PLACE1009622//ESTs//8.0e-93:508:92//Hs.20967:AI422858
R-PLACE1009637//EST//8.7e-90:442:97//Hs.121372:AA758701
R-PLACE1009639//EST//8.5e-49:279:93//Hs.117447:R27213
R-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//3.
3e-109:589:92//Hs.21862:AB011159

R-PLACE1009665//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens] /
/9.9e-62:483:79//Hs.140416:AA778649

R-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//6.6e-63:31
0:97//Hs.109590:AF062534

R-PLACE1009708//ESTs//3.0e-94:471:96//Hs.40091:N48582

R-PLACE1009721//ESTs, Weakly similar to MSF1 PROTEIN [S.cerevisiae] //4.2
e-98:529:92//Hs.3945:AA004210

R-PLACE1009731//ESTs, Weakly similar to immune associated protein 38 [M.
musculus] //6.8e-85:489:89//Hs.26194:AA033989

R-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//2.0e-117:59
8:95//Hs.154320:AF046024

R-PLACE1009794//ESTs//7.9e-102:529:95//Hs.42927:N20989

R-PLACE1009798//Human DNA sequence from clone 1189B24 on chromosome Xq25
-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3,
EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein
Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part o
f a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C
. elegans C16A3.8. Contains ESTs and GSSs//1.1e-113:549:97//Hs.16411:AL0
30996

R-PLACE1009845//ESTs//9.5e-106:560:93//Hs.117751:AI056868

R-PLACE1009879//ESTs//1.8e-61:399:86//Hs.141012:R68748

R-PLACE1009886//EST//0.54:153:64//Hs.144281:AA081328

R-PLACE1009888//ESTs//2.7e-105:520:97//Hs.108646:AA613031

R-PLACE1009908//ESTs, Weakly similar to similar to mouse MMRI [C.elegans
]//1.6e-114:594:94//Hs.67466:AI219740

R-PLACE1009921//ESTs//7.6e-05:291:60//Hs.124786:AA825563

R-PLACE1009924//EST//1.2e-42:216:98//Hs.31742:H20276

R-PLACE1009925//ESTs//5.4e-30:154:100//Hs.114605:AI304317

R-PLACE1009935//ESTs//1.4e-83:417:97//Hs.131755:AA496543

R-PLACE1009947//Keratin 9//1.0:273:61//Hs.2783:Z29074
 R-PLACE1009971//ESTs//1.5e-87:424:98//Hs.13781:AI160540
 R-PLACE1009992//ESTs//1.3e-87:531:87//Hs.55044:AA460698
 R-PLACE1009995//ESTs//1.3e-103:575:91//Hs.71218:C75347
 R-PLACE1009997//Small inducible cytokine A5 (RANTES)//1.1e-42:286:86//Hs.
 .155464:AF088219
 R-PLACE1010023//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]
 //1.7e-17:137:86//Hs.7049:AI141736
 R-PLACE1010031//ESTs//0.22:191:62//Hs.127787:AA832204
 R-PLACE1010053//ESTs, Moderately similar to spermatid perinuclear RNA-bi
 nding protein Spnr [M.musculus]//7.6e-104:546:94//Hs.8215:AA521150
 R-PLACE1010069//ESTs//0.99:173:59//Hs.21415:AI150905
 R-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//
 1.5e-88:543:88//Hs.11183:AF065482
 R-PLACE1010076//ESTs//3.4e-106:530:95//Hs.28005:AA604375
 R-PLACE1010083//ESTs//4.1e-65:395:88//Hs.6103:AA496424
 R-PLACE1010089//ESTs//1.6e-70:348:97//Hs.9011:AA418615
 R-PLACE1010096//ESTs, Highly similar to hypothetical protein, 100K [R.no
 rvegicus]//2.8e-104:565:92//Hs.11469:U69567
 R-PLACE1010102//ESTs//7.7e-50:311:89//Hs.5518:AI052015
 R-PLACE1010105//ESTs//6.0e-94:483:94//Hs.62684:AA806103
 R-PLACE1010106//ESTs, Weakly similar to putative p150 [H.sapiens]//1.6e-
 107:575:93//Hs.48301:AA122270
 R-PLACE1010134//EST//8.5e-59:314:94//Hs.135005:AI095130
 R-PLACE1010148//A-KINASE ANCHOR PROTEIN 79//0.52:351:56//Hs.48714:M90359
 R-PLACE1010152//ESTs//1.9e-40:240:90//Hs.17054:AI139897
 R-PLACE1010181//ESTs//3.6e-64:307:99//Hs.154163:AJ003313
 R-PLACE1010194//ESTs//2.7e-70:366:96//Hs.5301:T58466
 R-PLACE1010202//ESTs//0.57:120:67//Hs.58873:W95037

R-PLACE1010231
 R-PLACE1010261//EST//6.9e-50:251:98//Hs.148208:AA897478
 R-PLACE1010270//ESTs//1.9e-87:430:96//Hs.25252:AI079545
 R-PLACE1010274//ESTs//1.9e-57:439:81//Hs.30078:H04535
 R-PLACE1010293//ESTs//8.1e-41:310:81//Hs.146811:AA410788
 R-PLACE1010321//ESTs//5.7e-50:246:99//Hs.151445:AA351081
 R-PLACE1010324//ESTs//0.00025:377:60//Hs.97430:AA398568
 R-PLACE1010329//Small inducible cytokine A5 (RANTES)//2.4e-40:300:82//Hs.
 .155464:AF088219
 R-PLACE1010341//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING
 ENTRY !!!! [H.sapiens]//9.9e-32:190:77//Hs.152369:AA504818
 R-PLACE1010362//ESTs//8.2e-86:404:99//Hs.25625:AA669327
 R-PLACE1010364//ESTs//1.5e-105:556:93//Hs.12229:AA149594
 R-PLACE1010383//Homo sapiens mRNA for putative lipoic acid synthetase, p
 artial//4.9e-35:166:86//Hs.53531:AJ224162
 R-PLACE1010401//ESTs//2.3e-85:450:93//Hs.23193:AA418152
 R-PLACE1010481//ESTs//0.012:280:59//Hs.5579:AI392816
 R-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete c
 ds//2.4e-89:438:96//Hs.13313:AF039081
 R-PLACE1010492
 R-PLACE1010522//EST//0.43:82:68//Hs.89303:AA284031
 R-PLACE1010547//ESTs//3.4e-36:228:89//Hs.128724:AA215455
 R-PLACE1010562//ESTs//4.8e-68:408:90//Hs.17244:W86306
 R-PLACE1010579//EST//0.015:193:63//Hs.67093:C14033
 R-PLACE1010580//ESTs//2.4e-93:445:98//Hs.127325:AA234116
 R-PLACE1010599
 R-PLACE1010616//ESTs//2.9e-101:497:97//Hs.142197:AA573418
 R-PLACE1010622//ESTs//7.1e-23:157:91//Hs.159877:N57895
 R-PLACE1010624//ESTs//1.4e-89:428:98//Hs.116561:AA658475

R-PLACE1010628//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.4e-74:391:95//Hs.163495:W57637

R-PLACE1010629//ESTs//5.8e-75:359:99//Hs.123630:AI250805

R-PLACE1010630//ESTs//9.5e-101:519:94//Hs.77873:AA731719

R-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds//8.3e-94:497:93//Hs.10801:AB011102

R-PLACE1010661//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13- [Mus musculus]//4.8e-83:467:91//Hs.22383:R51067

R-PLACE1010662//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR [D.melanogaster]//8.3e-103:538:94//Hs.105794:AA701659

R-PLACE1010702//Homo sapiens DNA from chromosome 19, BAC 33152//4.8e-46:531:71//Hs.55452:AC003973

R-PLACE1010714//Human organic anion transporting polypeptide (OATP) mRNA, complete cds//0.0074:351:60//Hs.46440:U21943

R-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//1.2e-56:300:95//Hs.50758:AF092564

R-PLACE1010739//Homo sapiens mRNA for oligophrenin 1//2.6e-84:501:88//Hs.158122:AJ001189

R-PLACE1010743

R-PLACE1010761//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//5.2e-94:442:96//Hs.3688:AF069250

R-PLACE1010771//ESTs//3.8e-54:264:99//Hs.27299:AI074024

R-PLACE1010786//ESTs, Highly similar to MYOSIN HEAVY CHAIN IB [Acanthamoeba castellanii]//7.6e-111:575:94//Hs.10260:AI126627

R-PLACE1010800//ESTs//1.9e-109:557:95//Hs.11460:AA057558

R-PLACE1010802//ESTs//0.00021:428:58//Hs.70258:AI091203

R-PLACE1010811//ESTs//7.4e-73:394:93//Hs.48499:AA428896

R-PLACE1010833//ESTs//9.0e-33:274:78//Hs.24391:W27472

R-PLACE1010856//ESTs//5.8e-41:351:81//Hs.17401:W81048
R-PLACE1010857//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]
//1.4e-71:326:92//Hs.3385:N25917
R-PLACE1010870//ESTs//5.8e-57:303:96//Hs.30503:H05090
R-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//2.3
e-101:501:96//Hs.118087:AB011182
R-PLACE1010891
R-PLACE1010896//EST//0.0039:249:57//Hs.126090:AA867983
R-PLACE1010900//Human Xq28 mRNA, complete cds//3.3e-07:106:76//Hs.20136:
U46023
R-PLACE1010916//Plasminogen activator inhibitor, type II (arginine-serpi
n)//0.25:190:61//Hs.75716:Y00630
R-PLACE1010917//ESTs//1.3e-82:452:92//Hs.68055:AA081093
R-PLACE1010925//ESTs//1.1e-92:471:95//Hs.17448:AI125479
R-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds//1.3
e-66:402:89//Hs.74750:AB011126
R-PLACE1010942//Homo sapiens intersectin short form mRNA, complete cds//
8.9e-82:441:93//Hs.66392:AF064244
R-PLACE1010944
R-PLACE1010947//ESTs//6.7e-15:102:91//Hs.116808:AA211519
R-PLACE1010954//Small inducible cytokine A5 (RANTES)//8.8e-51:278:93//Hs
.155464:AF088219
R-PLACE1010960//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosoph
ila melanogaster]//1.0e-103:565:92//Hs.23259:AA532437
R-PLACE1010965//EST//6.3e-80:447:91//Hs.139529:AA219580
R-PLACE1011026//ESTs//4.6e-99:463:99//Hs.149732:AI199846
R-PLACE1011032//ESTs//6.3e-56:295:94//Hs.143576:AI147867
R-PLACE1011041//ESTs//5.3e-27:168:91//Hs.7936:AA923249
R-PLACE1011046//Homo sapiens mRNA for KIAA0581 protein, partial cds//9.4

e-102:563:91//Hs.41143:AB011153
R-PLACE1011054//EST//1.1e-15:245:69//Hs.112648:AA609135
R-PLACE1011056//Small inducible cytokine A5 (RANTES)//3.5e-38:285:82//Hs.155464:AF088219
R-PLACE1011057//ESTs//3.5e-81:410:96//Hs.96499:AA252537
R-PLACE1011090//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.6e-54:398:84//Hs.108740:W20094
R-PLACE1011109//EST//1.3e-48:321:85//Hs.146794:AI149478
R-PLACE1011114//ESTs//5.4e-90:475:94//Hs.69331:AA099587
R-PLACE1011133//ESTs, Highly similar to 40 KD PROTEIN [Borna disease virus]//3.0e-105:552:93//Hs.31257:AA875998
R-PLACE1011143//ESTs//0.40:127:65//Hs.118701:AA420795
R-PLACE1011160//Homa sapiens mRNA for HRIHFB2038, partial cds//7.7e-97:534:91//Hs.28719:AB015333
R-PLACE1011165//ESTs//1.0:135:69//Hs.32163:AI374673
R-PLACE1011185//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY ! !!! [H.sapiens]//3.4e-85:442:95//Hs.136910:AA810782
R-PLACE1011203//EST//0.0047:268:60//Hs.68832:AA088438
R-PLACE1011219//ESTs//7.6e-96:504:93//Hs.124834:AI138671
R-PLACE1011221//ESTs//5.2e-23:241:78//Hs.26761:AA203299
R-PLACE1011229//ESTs//1.9e-90:461:95//Hs.132288:AI027693
R-PLACE1011263//ESTs//6.6e-56:321:93//Hs.158787:W79602
R-PLACE1011273//ESTs//0.016:131:65//Hs.140466:AA766772
R-PLACE1011291//EST//8.7e-47:267:91//Hs.158806:AI376913
R-PLACE1011296//EST//2.7e-38:225:92//Hs.160934:AI376849
R-PLACE1011310//ESTs//9.1e-37:196:96//Hs.39328:H71807
R-PLACE1011325//Human clone 23721 mRNA sequence//0.0012:486:58//Hs.83572:U79291
R-PLACE1011332//ESTs//8.4e-44:217:99//Hs.101365:R60578

R-PLACE1011340//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [*Bacillus subtilis*]//3.4e-92:452:97//Hs.144194:AA706337

R-PLACE1011375//ESTs//2.2e-35:195:96//Hs.106486:H11376

R-PLACE1011399//ESTs//0.00096:224:67//Hs.151643:AA001194

R-PLACE1011419//ESTs//4.9e-50:267:95//Hs.7045:AA167337

R-PLACE1011433//Homo sapiens mRNA for KIAA0530 protein, partial cds//4.8e-114:600:94//Hs.10801:AB011102

R-PLACE1011452//Homo sapiens mRNA for KIAA0707 protein, partial cds//3.7e-32:310:76//Hs.138488:AB014607

R-PLACE1011465//ESTs//4.5e-86:471:93//Hs.144519:R70887

R-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds//2.6e-104:515:96//Hs.111138:AB018255

R-PLACE1011492//ESTs//1.7e-96:488:95//Hs.116555:AA639278

R-PLACE1011503//Homo sapiens clone 23597 mRNA sequence//1.0:193:60//Hs.28197:AF035294

R-PLACE1011520//ESTs//6.8e-99:477:97//Hs.85077:AA968576

R-PLACE1011563//ESTs//1.4e-94:514:92//Hs.16471:AA206421

R-PLACE1011567//EST//2.8e-89:417:100//Hs.149770:AI285985

R-PLACE1011576//Zinc finger protein 91 (HPF7, HTF10)//4.7e-55:267:81//Hs.8597:L11672

R-PLACE1011586//Myosin, heavy polypeptide 11, smooth muscle//0.98:168:61//Hs.78344:AF001548

R-PLACE1011635//ESTs//2.5e-67:332:98//Hs.108194:AA780067

R-PLACE1011641//ESTs//2.5e-71:338:100//Hs.153085:AA993965

R-PLACE1011643//EST//1.9e-18:181:78//Hs.160879:AI361900

R-PLACE1011649//Homo sapiens clone 24432 mRNA sequence//2.5e-73:414:91//Hs.78019:AF070535

R-PLACE1011650//EST//5.8e-18:118:92//Hs.124486:AA846036

R-PLACE1011664//Restin (Reed-Steinberg cell-expressed intermediate filam

ent-associated protein)//0.50:178:62//Hs.31638:X64838
R-PLACE1011675
R-PLACE1011682//ESTs//2.4e-90:465:94//Hs.57830:AI312025
R-PLACE1011719//Human Line-1 repeat mRNA with 2 open reading frames//8.5
e-57:410:83//Hs.23094:M19503
R-PLACE1011725//ESTs//2.0e-70:340:98//Hs.161725:AA251392
R-PLACE1011729//ESTs//7.5e-19:180:79//Hs.119516:AA443426
R-PLACE1011749//Myelin oligodendrocyte glycoprotein {alternative product
s} //7.3e-40:361:77//Hs.53217:Z48051
R-PLACE1011762//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//
3.0e-60:319:76//Hs.103948:K00627
R-PLACE1011778//ESTs//8.0e-70:372:94//Hs.46765:AA521080
R-PLACE1011783//Calcium modulating ligand//8.4e-41:279:85//Hs.13572:AF06
8179
R-PLACE1011858//ESTs//2.6e-69:396:91//Hs.55220:D11563
R-PLACE1011874//Human mRNA for KIAA0033 gene, partial cds//1.2e-53:439:8
0//Hs.22271:D26067
R-PLACE1011875//ESTs//9.0e-88:420:98//Hs.70897:AA987648
R-PLACE1011891//ESTs//3.9e-17:97:100//Hs.84698:AA725913
R-PLACE1011896//ESTs//2.8e-23:176:84//Hs.121540:AI275497
R-PLACE1011922//ESTs//6.6e-35:415:73//Hs.10972:AA164268
R-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//
2.3e-99:546:92//Hs.3838:AF059617
R-PLACE1011962//ESTs//3.3e-49:294:90//Hs.106800:AI031969
R-PLACE1011964//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOM
OLOG [H.sapiens] //2.6e-06:284:63//Hs.124102:AA701285
R-PLACE1011982//ESTs//2.9e-51:291:93//Hs.20792:R14890
R-PLACE1011995//ESTs//4.5e-39:304:81//Hs.138852:AA284247
R-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds//8.0

e-106:540:95//Hs.88756:AB018256
R-PLACE2000003//ESTs//2.0e-103:488:98//Hs.8341:AA490069
R-PLACE2000007//ESTs//2.4e-110:564:95//Hs.65135:W89120
R-PLACE2000011//Homo sapiens clone 614 unknown mRNA, complete sequence//
4.8e-105:524:95//Hs.21811:AF091080
R-PLACE2000015//ESTs//7.1e-111:543:96//Hs.32178:AA083211
R-PLACE2000017//EST//8.2e-46:404:79//Hs.133006:AI049504
R-PLACE2000021//EST//4.5e-19:221:71//Hs.150830:AI302868
R-PLACE2000033//Human melanoma antigen recognized by T-cells (MART-1) mR
NA//1.6e-43:355:79//Hs.154069:U06452
R-PLACE2000034//ESTs//2.2e-21:314:70//Hs.107697:W29013
R-PLACE2000039//H.sapiens mRNA for translin associated protein X//2.9e-4
5:514:72//Hs.96247:X95073
R-PLACE2000047//Homo sapiens class-I MHC-restricted T cell associated mo
lecule (CRTAM) mRNA, complete cds//4.1e-45:358:81//Hs.159523:AF001622
R-PLACE2000050//ESTs//4.5e-65:322:98//Hs.155820:N67652
R-PLACE2000061//Homo sapiens mRNA for KIAA0575 protein, complete cds//9.
2e-41:429:72//Hs.153468:AB011147
R-PLACE2000062//Human mRNA for KIAA0392 gene, partial cds//2.0e-43:296:8
6//Hs.40100:AB002390
R-PLACE2000072//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//6
.2e-111:550:95//Hs.9443:AF027219
R-PLACE2000097//Calcium modulating ligand//6.2e-47:372:80//Hs.13572:AF06
8179
R-PLACE2000100//ESTs//8.8e-42:281:86//Hs.150727:AI292236
R-PLACE2000103//ESTs//4.7e-97:518:93//Hs.118727:W26941
R-PLACE2000111//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA,
partial cds//0.00043:127:71//Hs.42400:AF022789
R-PLACE2000115//ESTs//7.8e-93:458:96//Hs.104520:AA481662

R-PLACE2000132//ESTs//3.8e-69:409:91//Hs.98502:AA433988
R-PLACE2000136//ESTs//6.2e-05:274:61//Hs.114067:AA701558
R-PLACE2000140//Homo sapiens mRNA for KIAA0562 protein, complete cds//4.7e-44:302:85//Hs.118401:AB011134
R-PLACE2000164//ESTs//6.3e-106:506:98//Hs.16390:AI052357
R-PLACE2000170//Small inducible cytokine A5 (RANTES)//3.7e-42:326:79//Hs.155464:AF088219
R-PLACE2000172//ESTs//9.6e-43:232:94//Hs.6709:AI379778
R-PLACE2000176//EST//1.6e-24:154:91//Hs.157734:AI360292
R-PLACE2000187//Human mRNA for KIAA0033 gene, partial cds//2.0e-49:292:90//Hs.22271:D26067
R-PLACE2000216//ESTs//0.0041:166:64//Hs.159476:AI382378
R-PLACE2000223//ESTs//0.49:171:60//Hs.86154:AA207191
R-PLACE2000235//ESTs//2.9e-39:264:85//Hs.136839:H93717
R-PLACE2000246//NAD(P)H:menadione oxidoreductase//4.0e-44:331:82//Hs.80706:M81600
R-PLACE2000264//Human mRNA for KIAA0365 gene, partial cds//4.0e-38:311:81//Hs.84123:AB002363
R-PLACE2000274//ESTs, Weakly similar to dynein-related protein [H.sapiens]//1.9e-87:422:98//Hs.9740:AI004779
R-PLACE2000302//ESTs, Highly similar to THREONYL-TRNA SYNTHETASE, CYTOSOLIC [Homo sapiens]//4.8e-68:380:92//Hs.107365:AA720664
R-PLACE2000305//ESTs//2.6e-43:413:75//Hs.118732:AI344055
R-PLACE2000317//ESTs//2.8e-92:501:92//Hs.28432:R83380
R-PLACE2000335//ESTs//4.3e-32:300:77//Hs.163035:AA748058
R-PLACE2000342//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//0.00071:117:73//Hs.42400:AF022789
R-PLACE2000347//ESTs//1.6e-30:214:86//Hs.135272:AI347618
R-PLACE2000359//Zinc finger protein 139 (clone pHZ-37)//5.5e-42:288:86//

Hs.140090:U09848
R-PLACE2000366//Thromboxane A2 receptor//6.7e-53:392:82//Hs.89887:D38081
R-PLACE2000371//ESTs//3.6e-81:409:97//Hs.155138:AA158731
R-PLACE2000373//Homo sapiens mRNA for KIAA0734 protein, partial cds//0.8
9:186:62//Hs.101516:AB018277
R-PLACE2000379//ESTs//3.4e-10:228:64//Hs.57842:W63781
R-PLACE2000394//ESTs//6.7e-41:462:74//Hs.107657:AA126814
R-PLACE2000398//ESTs//4.2e-33:373:74//Hs.155184:AA573189
R-PLACE2000399
R-PLACE2000404//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLA
SMIC [*Saccharomyces cerevisiae*]//4.2e-109:540:96//Hs.6762:AA088424
R-PLACE2000411//ESTs//1.6e-89:459:95//Hs.117589:N25941
R-PLACE2000419//ESTs, Weakly similar to F25H9.6 [*C.elegans*]//1.6e-97:436
:95//Hs.24647:W19739
R-PLACE2000425//Homo sapiens DEC-205 mRNA, complete cds//2.2e-44:287:88/
/Hs.153563:AF011333
R-PLACE2000427//ESTs, Weakly similar to coded for by *C. elegans* cDNA CEE
SI42F [*C.elegans*]//3.0e-113:543:97//Hs.16933:AA976002
R-PLACE2000433//ESTs//1.8e-46:311:85//Hs.145032:AA343523
R-PLACE2000435//ESTs//2.9e-33:243:87//Hs.90964:AA393986
R-PLACE2000438//ESTs//2.8e-09:66:96//Hs.59548:A1279887
R-PLACE2000450//Human mRNA for KIAA0392 gene, partial cds//3.3e-39:394:7
4//Hs.40100:AB002390
R-PLACE2000455//ESTs//1.2e-62:301:99//Hs.151708:AA554714
R-PLACE2000458//ESTs//6.8e-92:473:96//Hs.115897:AA156638
R-PLACE2000465//ESTs//1.3e-45:435:76//Hs.141635:N79228
R-PLACE2000477//ESTs//2.6e-100:536:94//Hs.77822:AA532642
R-PLACE3000004//ESTs//9.1e-114:558:97//Hs.13035:AA151838
R-PLACE3000029//Homo sapiens mRNA for KIAA0575 protein, complete cds//6.

3e-64:350:86//Hs.153468:AB011147
R-PLACE3000059//EST//0.028:175:61//Hs.159873:R92763
R-PLACE3000070//ESTs//3.8e-16:200:74//Hs.138771:N70979
R-PLACE3000103//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.7e-48:468:75//Hs.
51048:X68830
R-PLACE3000119//ESTs//1.2e-45:330:83//Hs.35254:AI133727
R-PLACE3000124//EST//3.1e-75:391:96//Hs.161515:N71739
R-PLACE3000136//ESTs//8.3e-18:152:84//Hs.10043:D81792
R-PLACE3000142//ESTs//0.047:183:62//Hs.43102:AA131369
R-PLACE3000147//ESTs//6.6e-53:310:90//Hs.8230:W07142
R-PLACE3000148//EST//1.9e-16:184:76//Hs.146570:AI139815
R-PLACE3000155//ESTs//1.2e-19:192:79//Hs.131350:AA805223
R-PLACE3000156//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen n
ecrosis virus]//4.8e-36:262:88//Hs.31532:H18272
R-PLACE3000157
R-PLACE3000158//Small inducible cytokine A5 (RANTES)//8.2e-39:296:81//Hs
.155464:AF088219
R-PLACE3000160
R-PLACE3000169//ESTs//1.5e-64:329:97//Hs.129864:R20798
R-PLACE3000194
R-PLACE3000197//ESTs//1.4e-38:197:98//Hs.146341:AI269930
R-PLACE3000199//ESTs, Highly similar to APOLIPOPROTEIN E PRECURSOR [Sus
crofa]//0.018:261:61//Hs.131370:AA927516
R-PLACE3000207//EST//1.3e-15:154:78//Hs.136617:AA630476
R-PLACE3000208//ESTs//1.6e-18:151:82//Hs.155498:W27084
R-PLACE3000218//ESTs//1.8e-85:463:93//Hs.7849:AI129964
R-PLACE3000220//ESTs//6.4e-44:308:84//Hs.136839:H93717
R-PLACE3000226//ESTs//1.3e-49:269:95//Hs.9059:AI359014
R-PLACE3000230//EST//2.3e-34:258:83//Hs.4382:T02878

R-PLACE3000242//Human trophinin mRNA, complete cds//1.1e-63:546:78//Hs.76313:U04811

R-PLACE3000244//ESTs, Highly similar to NEGATIVE REGULATOR OF MITOSIS [*Emericella nidulans*]//7.5e-110:549:95//Hs.13692:AA632002

R-PLACE3000254//Human mRNA for KIAA0309 gene, partial cds//2.4e-29:174:94//Hs.87908:AB002307

R-PLACE3000271//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.3e-62:287:82//Hs.97203:U83171

R-PLACE3000276//ESTs//7.5e-07:187:64//Hs.80720:AA031782

R-PLACE3000304//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//4.0e-59:456:80//Hs.108966:U48696

R-PLACE3000310//ISLET AMYLOID POLYPEPTIDE PRECURSOR//6.0e-45:302:86//Hs.51048:X68830

R-PLACE3000320//Interleukin 10//9.6e-42:288:85//Hs.2180:M57627

R-PLACE3000322//ESTs, Highly similar to ARGININOSUCCINATE LYASE [*Homo sapiens*]//5.8e-34:190:95//Hs.114531:N74103

R-PLACE3000331//Homo sapiens mRNA for KIAA0772 protein, complete cds//3.7e-32:239:84//Hs.15519:AB018315

R-PLACE3000339//ESTs//1.3e-109:548:96//Hs.7871:AI041837

R-PLACE3000341//EST//1.1e-11:231:68//Hs.131328:AA922688

R-PLACE3000350//Human mRNA for adipogenesis inhibitory factor//8.0e-40:291:76//Hs.1721:X58377

R-PLACE3000352//EST//1.8e-72:343:100//Hs.144871:AI202380

R-PLACE3000353//ESTs//2.0e-75:395:95//Hs.107260:W52683

R-PLACE3000362//EST//2.8e-80:381:99//Hs.136233:AA261888

R-PLACE3000363

R-PLACE3000365//EST//4.8e-50:307:88//Hs.149580:AI281881

R-PLACE3000373//ESTs//5.8e-60:422:83//Hs.142826:W87430

R-PLACE3000388//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//1.0e-35:427:73//Hs.138795:R98534

R-PLACE3000399//ESTs//6.5e-05:162:66//Hs.149440:AI274570

R-PLACE3000400//ESTs//8.3e-05:310:63//Hs.17697:AA287528

R-PLACE3000401//ESTs//4.6e-60:326:80//Hs.139555:N48230

R-PLACE3000402//Homo sapiens clone 24629 mRNA sequence//0.50:227:62//Hs.
142570:AF052160

R-PLACE3000405//Human HsLIM15 mRNA for HsLim15, complete cds//5.3e-43:31
5:82//Hs.37181:D64108

R-PLACE3000406//Human high-affinity copper uptake protein (hCTR1) mRNA,
complete cds//4.4e-47:302:87//Hs.73614:U83460

R-PLACE3000413//ESTs//1.6e-116:571:97//Hs.10235:H93077

R-PLACE3000416//Small inducible cytokine A5 (RANTES)//1.8e-41:300:85//Hs
.155464:AF088219

R-PLACE3000425//Homo sapiens 4F5S mRNA, complete cds//1.6e-46:307:85//Hs
.32567:AF073519

R-PLACE3000455//ESTs//1.0:160:64//Hs.156045:AA884461

R-PLACE3000475//Human signal transducing adaptor molecule STAM mRNA, com
plete cds//6.1e-84:440:92//Hs.153487:U43899

R-PLACE3000477//ESTs//2.4e-113:568:96//Hs.24557:AA142980

R-PLACE4000009//ESTs//1.5e-72:361:96//Hs.10119:AA700227

R-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//8.8
e-85:433:95//Hs.105399:AB018352

R-PLACE4000034//ESTs//7.0e-110:550:96//Hs.76607:AA156240

R-PLACE4000049//EST//0.028:87:75//Hs.89303:AA284031

R-PLACE4000052//ESTs//5.6e-116:553:98//Hs.19067:AA521292

R-PLACE4000063//ESTs//5.0e-80:388:98//Hs.135028:AI096444

R-PLACE4000089//ESTs//2.3e-97:479:97//Hs.102425:AA807547

R-PLACE4000093//ESTs//1.5e-82:391:99//Hs.160730:AI142739

R-PLACE4000100

R-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.7e-98:419:91//Hs.129937:AB007931

R-PLACE4000128//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens] //3.8e-11:184:71//Hs.154278:N45985

R-PLACE4000129//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//5.2e-21:118:100//Hs.118164:AB007969

R-PLACE4000147//EST//1.6e-23:175:79//Hs.162236:AA551582

R-PLACE4000156//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.0e-47:306:88//Hs.153468:AB011147

R-PLACE4000192//ESTs, Weakly similar to similar to Human zinc finger protein(ZNF142) [H.sapiens] //6.7e-31:232:82//Hs.16493:T92186

R-PLACE4000222//ESTs//2.2e-53:195:85//Hs.141575:AA211734

R-PLACE4000233//ESTs//2.9e-81:456:93//Hs.124964:R81949

R-PLACE4000247//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.5e-72:307:85//Hs.113283:AF018080

R-PLACE4000250//Small inducible cytokine A5 (RANTES)//7.1e-43:301:83//Hs.155464:AF088219

R-PLACE4000252//EST//1.6e-40:275:85//Hs.162197:AA535216

R-PLACE4000261//EST//0.0063:384:58//Hs.136284:AA400442

R-PLACE4000269//ESTs//7.3e-67:345:97//Hs.5000:R44586

R-PLACE4000270//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-37:352:77//Hs.77579:AF013263

R-PLACE4000300//EST//0.26:103:68//Hs.144438:AA780782

R-PLACE4000320//EST//2.7e-44:298:85//Hs.162404:AA573131

R-PLACE4000323//ESTs//8.8e-38:178:79//Hs.155475:AA761454

R-PLACE4000326//ESTs//7.4e-103:516:96//Hs.55042:AA150460

R-PLACE4000344//ESTs//9.9e-94:463:96//Hs.100057:AA001414

R-PLACE4000367//ESTs//0.81:102:73//Hs.107692:H38478

R-PLACE4000369//ESTs//1.5e-69:390:92//Hs.13733:AA418656
 R-PLACE4000379//ESTs//1.3e-67:373:91//Hs.48569:AA905425
 R-PLACE4000387//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING
 ENTRY !!!! [H.sapiens]//1.9e-44:379:78//Hs.152369:AA504818
 R-PLACE4000392//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]/
 /2.3e-70:482:83//Hs.140416:AA778649
 R-PLACE4000401//ESTs//1.3e-18:151:84//Hs.150355:AI273502
 R-PLACE4000411//ESTs//1.1e-108:543:96//Hs.23901:AA169780
 R-PLACE4000445//ESTs, Weakly similar to C05D9.6 gene product [C.elegans]
 //2.6e-111:530:98//Hs.12003:AA643063
 R-PLACE4000465//Cytochrome P450, subfamily I (aromatic compound-inducibl
 e), polypeptide 2//8.5e-58:409:72//Hs.1361:M55053
 R-PLACE4000489//ESTs//5.0e-70:342:98//Hs.72865:AI380932
 R-PLACE4000494//ESTs//1.4e-109:525:98//Hs.22539:AI334210
 R-PLACE4000522//ESTs//6.3e-88:471:93//Hs.8121:AA521290
 R-PLACE4000548//ESTs//3.3e-86:441:96//Hs.5070:AA149527
 R-PLACE4000558//Human putative monocarboxylate transporter (MCT) mRNA, c
 omplete cds//5.7e-46:425:76//Hs.23590:U59185
 R-THYR01000026//ESTs//2.6e-42:331:82//Hs.137875:AA993532
 R-THYR01000034//ESTs//2.1e-43:214:100//Hs.153018:AI243524
 R-THYR01000035//ESTs//7.6e-52:325:90//Hs.49817:AA001249
 R-THYR01000040//ESTs//1.7e-94:459:98//Hs.48712:AI027889
 R-THYR01000070//ESTs//6.7e-43:283:86//Hs.37573:H59651
 R-THYR01000072//ESTs//1.3e-57:313:96//Hs.127827:H13438
 R-THYR01000085//ESTs//1.1e-90:439:98//Hs.150539:AA908435
 R-THYR01000092//Human mRNA for KIAA0355 gene, complete cds//1.3e-41:344:
 79//Hs.153014:AB002353
 R-THYR01000107//Interleukin 10//2.8e-43:292:84//Hs.2180:M57627
 R-THYR01000111//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HO

MOLOG [Homo sapiens]//1.0e-52:413:80//Hs.140385:AA773359
 R-THYR01000121//EST//0.24:78:74//Hs.156632:AI345108
 R-THYR01000124//ESTs//2.8e-86:428:96//Hs.141634:AI122764
 R-THYR01000129//Homo sapiens TED protein (TED) mRNA, complete cds//6.8e-90:449:96//Hs.87619:AF087142
 R-THYR01000132//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
 G ENTRY !!!! [H.sapiens]//5.2e-49:486:77//Hs.24164:N95217
 R-THYR01000156//ESTs//6.1e-36:344:75//Hs.70279:AA757426
 R-THYR01000163//Homo sapiens LIM protein mRNA, complete cds//4.8e-38:278:84//Hs.154103:AF061258
 R-THYR01000173//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN
 AP47 [Mus musculus]//1.1e-111:554:96//Hs.18894:AA910946
 R-THYR01000186//ESTs//1.0e-44:339:83//Hs.155184:AA573189
 R-THYR01000187//Small inducible cytokine A5 (RANTES)//1.1e-41:305:81//Hs.155464:AF088219
 R-THYR01000190//Small inducible cytokine A5 (RANTES)//2.3e-44:301:85//Hs.155464:AF088219
 R-THYR01000197//Homo sapiens mRNA for poly(A)-specific ribonuclease//3.6e-110:535:97//Hs.43445:AJ005698
 R-THYR01000199//Homo sapiens mRNA for KIAA0652 protein, complete cds//4.3e-115:559:97//Hs.79672:AB014552
 R-THYR01000206//ESTs//3.1e-90:507:90//Hs.32456:W29063
 R-THYR01000221//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//1.1e-72:357:98//Hs.140002:AA635349
 R-THYR01000241//Homo sapiens mRNA for KIAA0688 protein, complete cds//7.8e-69:524:82//Hs.141874:AB014588
 R-THYR01000242//ESTs//4.2e-27:222:85//Hs.77554:W87927
 R-THYR01000253//Sialophorin (gpL115, leukosialin, CD43)//7.3e-40:318:80//Hs.80738:X52075

R-THYRO1000270//ESTs//1.9e-99:531:94//Hs.17767:N62925
 R-THYRO1000279//EST//2.7e-54:266:99//Hs.149527:AI280674
 R-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds//3.5e-100:
 566:91//Hs.25846:AB016068
 R-THYRO1000320//POLYPOSIS LOCUS PROTEIN 1//1.0:321:58//Hs.74648:M73547
 R-THYRO1000327//Autocrine motility factor receptor//9.2e-54:289:93//Hs.8
 0731:M63175
 R-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds//3.4
 e-113:559:96//Hs.12002:AB018333
 R-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds
 //1.5e-48:317:87//Hs.7833:U29091
 R-THYRO1000368//ESTs//4.7e-88:430:98//Hs.146085:AA021064
 R-THYRO1000381//ESTs//1.0:253:57//Hs.128783:AA436250
 R-THYRO1000387//Homo sapiens ubiquitin conjugating enzyme G2 (UBE2G2) mR
 NA, complete cds//4.6e-69:294:84//Hs.151614:AF032456
 R-THYRO1000394//Thromboxane A2 receptor//4.1e-40:232:87//Hs.89887:D38081
 R-THYRO1000395//ESTs//3.3e-20:160:83//Hs.101570:AA505429
 R-THYRO1000401//ESTs//1.3e-109:516:99//Hs.78524:AI140601
 R-THYRO1000438//ESTs//2.1e-48:360:83//Hs.141203:H52638
 R-THYRO1000452//ESTs, Weakly similar to No definition line found [C.eleg
 ans] //8.5e-40:239:90//Hs.84009:AI309761
 R-THYRO1000471//ESTs//3.3e-36:302:80//Hs.70279:AA757426
 R-THYRO1000484//Homo sapiens mRNA for KIAA0737 protein, complete cds//2.
 2e-49:479:75//Hs.17630:AB018280
 R-THYRO1000488//Homa sapiens mRNA for HRIHFB2038, partial cds//4.1e-89:4
 71:94//Hs.28719:AB015333
 R-THYRO1000501//ESTs//1.5e-46:287:89//Hs.125300:R62360
 R-THYRO1000502//ESTs//1.7e-08:63:96//Hs.116319:AI208005
 R-THYRO1000505//ESTs, Weakly similar to KIAA0281 [H.sapiens] //3.9e-57:28

6:96//Hs.105861:AI206965
R-THYRO1000558//ESTs//1.7e-95:454:99//Hs.125063:AA648511
R-THYRO1000569//ESTs//3.2e-89:463:94//Hs.20555:W22193
R-THYRO1000570//ESTs//2.8e-97:471:97//Hs.8245:AA115485
R-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete
cds//2.6e-108:533:97//Hs.151411:AF075587
R-THYRO1000596//ESTs//3.1e-99:527:94//Hs.6084:AA045247
R-THYRO1000602//EST//6.9e-50:381:83//Hs.161917:AA483223
R-THYRO1000605//ESTs, Weakly similar to monocytic leukaemia zinc finger
protein [H.sapiens] //1.2e-96:483:96//Hs.21907:N24415
R-THYRO1000625//ESTs//5.6e-36:257:84//Hs.139657:AA191742
R-THYRO1000637
R-THYRO1000641//ESTs, Weakly similar to ERYTHROCYTE BAND 7 INTEGRAL MEMB
RANE PROTEIN [H.sapiens] //4.9e-46:245:95//Hs.97398:AA398634
R-THYRO1000658//ESTs//5.8e-48:281:90//Hs.142259:AA828840
R-THYRO1000662//ESTs//1.5e-82:389:99//Hs.155573:AA487384
R-THYRO1000666//ESTs//1.4e-26:179:88//Hs.98382:AA779866
R-THYRO1000676//EST//6.4e-05:88:77//Hs.133424:AI061063
R-THYRO1000684//ESTs//1.9e-69:374:94//Hs.144617:R77109
R-THYRO1000699//ESTs//1.7e-58:394:86//Hs.26373:AA700713
R-THYRO1000712
R-THYRO1000734//EST//2.0e-06:95:73//Hs.156201:AA724287
R-THYRO1000748//EST//4.1e-12:155:74//Hs.118694:AA148713
R-THYRO1000756//ESTs, Weakly similar to CMP-N-ACETYLNEURAMINATE-BETA-GAL
ACTOSAMIDE-ALPHA-2,3-SIALYLTRANSFERASE [H.sapiens] //8.1e-82:497:87//Hs.1
09672:W22624
R-THYRO1000777
R-THYRO1000783//EST//5.6e-100:470:99//Hs.123515:AA812932
R-THYRO1000787//EST//8.0e-34:175:99//Hs.99607:AA463897

R-THYRO1000793//ESTs//2.2e-106:505:99//Hs.50929:AA443144
 R-THYRO1000796//ESTs//4.3e-44:445:75//Hs.55855:AA621381
 R-THYRO1000805//EST//2.6e-32:407:67//Hs.123424:AA813594
 R-THYRO1000815//Human mRNA for KIAA0033 gene, partial cds//2.0e-56:307:8
 7//Hs.22271:D26067
 R-THYRO1000829
 R-THYRO1000843//Interleukin 10//1.1e-44:285:87//Hs.2180:M57627
 R-THYRO1000852//EST//2.3e-20:157:85//Hs.149580:AI281881
 R-THYRO1000855//ESTs//2.6e-44:359:81//Hs.140329:AA714011
 R-THYRO1000865//Protein kinase, interferon-inducible double stranded RNA
 dependent//2.8e-44:374:79//Hs.73821:M35663
 R-THYRO1000895//ESTs//1.0e-32:196:85//Hs.138630:H97871
 R-THYRO1000916//ESTs//4.6e-99:492:96//Hs.152442:AA528234
 R-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B)
 mRNA, partial cds//3.1e-110:566:94//Hs.78106:AF079529
 R-THYRO1000934//ESTs//7.4e-102:535:95//Hs.58194:W72182
 R-THYRO1000951//ESTs//4.2e-11:91:89//Hs.6278:T15859
 R-THYRO1000952//ESTs//3.9e-93:489:84//Hs.48928:AA211761
 R-THYRO1000974//Homo sapiens ribosomal protein L33-like protein mRNA, co
 mplete cds//1.1e-60:321:95//Hs.14454:AF047440
 R-THYRO1000975//EST//9.8e-49:303:89//Hs.149580:AI281881
 R-THYRO1000983//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2
 -17 KD 11 [Arabidopsis thaliana]//1.6e-90:474:93//Hs.106616:AI027524
 R-THYRO1000984//ESTs//5.9e-97:481:96//Hs.142457:AI202777
 R-THYRO1000988//EST//3.5e-42:241:83//Hs.162404:AA573131
 R-THYRO1001003//ESTs, Weakly similar to ubiquitin-conjugating enzyme [H.
 sapiens]//3.0e-57:341:91//Hs.44049:AA521489
 R-THYRO1001031//ESTs//5.5e-47:322:85//Hs.136839:H93717
 R-THYRO1001033//ESTs//5.7e-89:427:98//Hs.71508:AA809070

R-THYRO1001062//EST//1.5e-46:291:89//Hs.161917:AA483223
R-THYRO1001093//ESTs//2.7e-80:468:90//Hs.124601:AA203497
R-THYRO1001100
R-THYRO1001120//ESTs, Moderately similar to fractionated X-irradiation-induced 29 thymoma [M.musculus] //6.6e-86:491:89//Hs.89135:AI138834
R-THYRO1001121//Homo sapiens mRNA for beta-tubulin folding cofactor D//2.6e-82:429:94//Hs.12570:AJ006417
R-THYRO1001133//ESTs//2.9e-39:242:90//Hs.152340:AA521399
R-THYRO1001134//ESTs//1.8e-102:521:95//Hs.108408:N31922
R-THYRO1001142//ESTs//0.26:84:69//Hs.153434:AI287853
R-THYRO1001173//Human mRNA for KIAA0238 gene, partial cds//0.0012:305:62//Hs.82042:D87075
R-THYRO1001177
R-THYRO1001189//H.sapiens F11 mRNA//1.5e-59:260:83//Hs.159639:X77744
R-THYRO1001204//ESTs, Weakly similar to TH1 protein [D.melanogaster]//1.0e-75:431:91//Hs.5184:AA709151
R-THYRO1001213//ESTs//1.3e-75:409:92//Hs.140213:AA828932
R-THYRO1001262//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//1.3e-48:349:83//Hs.139107:K00629
R-THYRO1001271//PUTATIVE PROTEIN PHOSPHATASE 2C//1.0:128:64//Hs.118728:D13640
R-THYRO1001290//ESTs//2.1e-89:424:99//Hs.118152:AA702561
R-THYRO1001313//ESTs//3.5e-17:139:87//Hs.15827:H16269
R-THYRO1001320//ESTs//1.4e-61:403:79//Hs.139555:N48230
R-THYRO1001321//Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)//8.5e-05:326:60//Hs.82314:M31642
R-THYRO1001322//ESTs//0.16:422:59//Hs.23876:AA082935
R-THYRO1001347//ESTs, Weakly similar to C35A5.8 [C.elegans]//1.1e-106:562:94//Hs.15032:AA774250

R-THYRO1001363//ESTs//1.4e-99:508:95//Hs.5028:D51033
R-THYRO1001365
R-THYRO1001374
R-THYRO1001401//Human HsLIM15 mRNA for HsLim15, complete cds//2.5e-48:46
7:75//Hs.37181:D64108
R-THYRO1001403//Interleukin 10//2.1e-46:305:85//Hs.2180:M57627
R-THYRO1001405//ESTs//4.8e-25:197:84//Hs.6907:W72733
R-THYRO1001406//EST//0.0023:117:66//Hs.162931:AA633197
R-THYRO1001411//ESTs//6.1e-77:421:93//Hs.22973:R40979
R-THYRO1001426//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0508//9.1e-49:305:86//Hs.159187:AB007977
R-THYRO1001434//ESTs//0.40:161:61//Hs.161993:AA503172
R-THYRO1001458//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens]//1.7e-05:159:66//Hs.104239:AA488082
R-THYRO1001480//Small inducible cytokine A5 (RANTES)//1.3e-40:331:79//Hs
.155464:AF088219
R-THYRO1001487//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.
1e-17:134:76//Hs.15731:AB011135
R-THYRO1001534//ESTs//4.6e-96:447:100//Hs.135204:AI093110
R-THYRO1001537//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//5.0e-33:304:80//Hs.108740:W20094
R-THYRO1001541//Human peptide transporter (HPEPT1) mRNA, complete cds//9
.0e-49:427:76//Hs.2217:U21936
R-THYRO1001559//ESTs//0.99:210:62//Hs.33619:AA021594
R-THYRO1001570//ESTs//4.9e-48:287:91//Hs.27131:AA442413
R-THYRO1001573//ESTs//2.1e-87:446:95//Hs.143669:AA621958
R-THYRO1001584//ESTs//1.5e-64:354:95//Hs.146222:AA397741
R-THYRO1001595//ESTs//5.7e-39:366:78//Hs.22562:R54247
R-THYRO1001602//Insulin-like growth factor 1 (somatomedia C)//7.4e-12:28

8:67//Hs.85112:X57025

R-THYRO1001605//Human GS2 mRNA, complete cds//6.9e-49:359:83//Hs.264:U03
886

R-THYRO1001617//Homo sapiens peroxisomal acyl-CoA: dihydroxyacetonephosph
ate acyltransferase (DHAPAT) mRNA, complete cds//1.3e-82:434:93//Hs.1248
2:AJ002190

R-THYRO1001637//Homo sapiens KIAA0414 mRNA, partial cds//7.1e-58:331:83/
/Hs.127649:AB007874

R-THYRO1001656//ESTs//3.8e-19:209:75//Hs.92186:AI080282

R-THYRO1001661//ESTs//1.4e-56:323:91//Hs.24984:AA534446

R-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59
kDa isoform//1.6e-111:562:95//Hs.118633:AJ225089

R-THYRO1001673//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0488//1.0e-17:246:73//Hs.67619:AB007957

R-THYRO1001703//ESTs//1.1e-39:142:97//Hs.110748:AI341726

R-THYRO1001706//ESTs//2.2e-42:214:99//Hs.112536:AI147691

R-THYRO1001721

R-THYRO1001738//ESTs, Weakly similar to ZK1128.6 [C.elegans]//1.7e-10:14
7:77//Hs.158196:R53184

R-THYRO1001745//ELK1, member of ETS oncogene family//1.8e-12:282:65//Hs.
116549:AL009172

R-THYRO1001746//EST//0.0073:226:61//Hs.146544:AI125323

R-THYRO1001772//ESTs//8.2e-100:495:97//Hs.144993:AA243474

R-THYRO1001793//ESTs//2.5e-89:430:97//Hs.58127:AA534224

R-THYRO1001809//ESTs//1.0e-41:327:80//Hs.146811:AA410788

R-THYRO1001854//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0487//5.7e-38:242:83//Hs.92381:AB007956

R-THYRO1001895//ESTs//1.7e-08:213:64//Hs.156056:AI352123

R-THYRO1001907//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN

G ENTRY !!!! [H.sapiens] //3.7e-41:362:79//Hs.139007:H74314
R-VESEN1000122
R-Y79AA1000013//ESTs//0.99:233:57//Hs.132216:AA923289
R-Y79AA1000033//EST//1.9e-62:324:95//Hs.157692:AI359321
R-Y79AA1000037//ESTs//6.1e-47:234:98//Hs.30773:AA557178
R-Y79AA1000059//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.8
e-51:330:89//Hs.153026:AB014540
R-Y79AA1000065//ESTs//2.0e-91:497:94//Hs.37759:H59629
R-Y79AA1000131//EST//2.3e-16:184:75//Hs.141501:N50792
R-Y79AA1000181//ESTs, Weakly similar to No definition line found [C.eleg
ans] //2.4e-110:553:95//Hs.23159:AA113849
R-Y79AA1000202//Human mRNA for KIAA0169 gene, partial cds//0.094:185:62/
/Hs.79414:D79991
R-Y79AA1000214//ESTs//1.7e-93:495:94//Hs.11673:W68103
R-Y79AA1000230//ESTs//3.5e-114:553:98//Hs.47125:AI421812
R-Y79AA1000231//ESTs//1.1e-106:526:97//Hs.82856:AI246624
R-Y79AA1000258//ESTs//1.5e-99:490:97//Hs.6459:AI092936
R-Y79AA1000268//Human mRNA for KIAA0365 gene, partial cds//1.3e-44:320:8
4//Hs.84123:AB002363
R-Y79AA1000313//ESTs//1.7e-105:558:93//Hs.18851:AA857826
R-Y79AA1000328//ESTs//1.9e-76:448:91//Hs.16470:AA121635
R-Y79AA1000342//ESTs, Weakly similar to MATRIN 3 [H.sapiens] //2.0e-37:23
9:88//Hs.23476:AA401210
R-Y79AA1000346//ESTs//7.9e-12:139:76//Hs.115987:AA483808
R-Y79AA1000349//ESTs, Moderately similar to spermatid perinuclear RNA-bi
nding protein Spnr [M.musculus] //4.4e-66:339:97//Hs.8215:AA521150
R-Y79AA1000355//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens] //3.2e-44:279:88//Hs.139007:H74314
R-Y79AA1000368//ESTs//3.8e-97:513:94//Hs.68090:AA641018

R-Y79AA1000405//ESTs//4.4e-47:267:94//Hs.125304:R51613

R-Y79AA1000410//ESTs//7.4e-49:359:82//Hs.158107:AA707758

R-Y79AA1000420//EST//0.17:99:69//Hs.160859:AI352292

R-Y79AA1000469//ESTs, Highly similar to ancient ubiquitous 46 kDa protein AUP46 precursor [M.musculus] //3.1e-60:362:88//Hs.6381:AI188509

R-Y79AA1000480//ESTs//1.0e-75:433:91//Hs.78110:AA741320

R-Y79AA1000538//EST//7.9e-48:307:87//Hs.149580:AI281881

R-Y79AA1000539//Human kinesin-like spindle protein HKSP (HKSP) mRNA, complete cds//0.95:172:62//Hs.41723:U37426

R-Y79AA1000540//ESTs//1.5e-97:534:93//Hs.67991:AA147848

R-Y79AA1000560//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus] //8.2e-97:482:97//Hs.19121:AI125280

R-Y79AA1000574//ESTs, Weakly similar to M04B2.4 [C.elegans] //1.3e-107:564:93//Hs.16361:AI147455

R-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//3.4e-99:517:94//Hs.60580:AF060503

R-Y79AA1000705//ESTs, Weakly similar to HYPOTHETICAL 128.5 KD HELICASE I N ATS1-TPD3 INTERGENIC REGION [Saccharomyces cerevisiae] //8.1e-27:140:100//Hs.129049:H28818

R-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds//8.7e-114:586:95//Hs.83023:AF093670

R-Y79AA1000748//ESTs, Weakly similar to HYPOTHETICAL 61.3 KD PROTEIN F25 B5.5 IN CHROMOSOME III [C.elegans] //9.8e-111:563:95//Hs.19845:AI005330

R-Y79AA1000752//Homo sapiens (huc) mRNA, complete cds//0.97:235:59//Hs.1701:L26405

R-Y79AA1000774//ESTs//5.9e-109:559:95//Hs.17138:N91463

R-Y79AA1000782//Human mRNA for KIAA0246 gene, partial cds//1.6e-18:107:100//Hs.84753:D87433

R-Y79AA1000784//EST//0.80:87:67//Hs.158558:AI368359

R-Y79AA1000794//ESTs//2.7e-99:498:96//Hs.25441:AA580512
 R-Y79AA1000800//ESTs//1.2e-97:532:93//Hs.77822:AA532642
 R-Y79AA1000802//Carboxypeptidase E//0.018:354:59//Hs.75360:X51405
 R-Y79AA1000805
 R-Y79AA1000824//ESTs//0.99:276:61//Hs.153992:AA280227
 R-Y79AA1000827//ESTs//1.2e-55:326:92//Hs.158127:AI334650
 R-Y79AA1000850//Homo sapiens small optic lobes homolog (SOLH) mRNA, complete cds//0.016:386:59//Hs.55836:U85647
 R-Y79AA1000962//EST//0.024:177:63//Hs.25214:R37079
 R-Y79AA1000968
 R-Y79AA1000969//ESTs//2.9e-70:251:98//Hs.120858:AA417181
 R-Y79AA1000976//ESTs//7.8e-56:299:95//Hs.120125:M86049
 R-Y79AA1000985
 R-Y79AA1001023//ESTs//5.7e-66:379:90//Hs.64616:W22851
 R-Y79AA1001041//ESTs//8.6e-06:54:100//Hs.8980:AA629067
 R-Y79AA1001048//ESTs//4.4e-97:461:99//Hs.7010:AA837407
 R-Y79AA1001061//ESTs//3.8e-105:493:99//Hs.128419:AI271325
 R-Y79AA1001068//Homo sapiens mRNA for KIAA0563 protein, complete cds//4.8e-53:279:83//Hs.15731:AB011135
 R-Y79AA1001077//ESTs//1.9e-51:339:87//Hs.11197:AA309047
 R-Y79AA1001078//ESTs//8.3e-98:528:92//Hs.24608:AA161260
 R-Y79AA1001105//ESTs//6.0e-77:393:96//Hs.30837:H08155
 R-Y79AA1001145//ESTs//1.7e-13:285:64//Hs.128259:AA343015
 R-Y79AA1001167
 R-Y79AA1001177//EST//1.2e-05:92:76//Hs.65277:T15884
 R-Y79AA1001185
 R-Y79AA1001211//ESTs//1.3e-70:344:97//Hs.49760:AA741051
 R-Y79AA1001216//ESTs//5.8e-63:416:88//Hs.8595:W60933
 R-Y79AA1001228//ESTs//9.3e-101:483:98//Hs.13916:AI025750

R-Y79AA1001233//EST//0.00027:232:62//Hs.132431:AA909674
R-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin))//1.1e-110:549:95//Hs.23170:AJ005892
R-Y79AA1001281//ESTs//3.6e-98:466:99//Hs.104442:AA481271
R-Y79AA1001299//Human Inil mRNA, complete cds//9.6e-25:133:100//Hs.155626:U04847
R-Y79AA1001312//ESTs//3.4e-92:454:97//Hs.127319:AI191149
R-Y79AA1001323//ESTs//1.6e-67:422:89//Hs.118559:AA887084
R-Y79AA1001384//ESTs//3.1e-104:496:98//Hs.153692:AA604143
R-Y79AA1001391//ESTs//2.2e-77:418:94//Hs.118608:AA101819
R-Y79AA1001394//ESTs//2.1e-78:409:95//Hs.23413:AA579859
R-Y79AA1001402//EST//9.3e-08:128:75//Hs.141607:N63891
R-Y79AA1001493//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD 11 [Arabidopsis thaliana]//4.4e-109:553:95//Hs.106616:AI027524
R-Y79AA1001511//ESTs//4.9e-49:271:92//Hs.109045:AA523704
R-Y79AA1001533//ESTs, Moderately similar to RNA polymerase I associated factor [M.musculus]//6.2e-46:260:94//Hs.24884:AA176812
R-Y79AA1001541//EST//0.62:126:67//Hs.137020:AA868563
R-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//3.5e-95:517:91//Hs.76987:AF012872
R-Y79AA1001555//Collagen, type XI, alpha 1//1.0:157:64//Hs.82772:J04177
R-Y79AA1001585//ESTs//1.9e-90:430:98//Hs.48333:AA704508
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R-Y79AA1001692
R-Y79AA1001696//ESTs//1.4e-84:478:91//Hs.6606:AA211783
R-Y79AA1001705//ESTs//6.7e-107:546:95//Hs.106805:AA418490
R-Y79AA1001711//Human DNA sequence from clone 1119D9 on chromosome 20p12 . Contains part of a gene for a PAK1 LIKE Serine/Threonine-Protein Kinase and part of the PLCB4 gene for Phospholipase C, beta (1-Phosphatidylinositol -4,5-Bisphosphate Phosphodiesterase Beta 4). Contains ESTs, STSs and GSSs//0.0085:251:63//Hs.21864:AL031652
R-Y79AA1001781//ESTs, Weakly similar to partial CDS [C.elegans] //9.4e-87:427:97//Hs.18645:AI023798
R-Y79AA1001805//ESTs//1.1e-112:558:97//Hs.109755:AA180809
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R-Y79AA1002431//EST//6.6e-23:128:98//Hs.128417:AA975026

R-Y79AA1002433//ESTs, Highly similar to CELL DIVISION CONTROL PROTEIN 6
8 [Saccharomyces cerevisiae]//4.4e-62:390:88//Hs.143930:AI207821

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<210> 14

<211> 782

<212> DNA

<213> Homo sapiens

<400> 14

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<210> 15

<211> 589

<212> DNA

<213> Homo sapiens

<400> 15

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<210> 16

<211> 730

<212> DNA

<213> Homo sapiens

<400> 16

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<210> 17

<211> 542

<212> DNA

<213> Homo sapiens

<400> 17

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<210> 18

<211> 751

<212> DNA

<213> Homo sapiens

<400> 18

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751

<210> 19

<211> 806

<212> DNA

<213> Homo sapiens

<400> 19

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<210> 20

<211> 891

<212> DNA

<213> Homo sapiens

<400> 20

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<210> 21

<211> 873

<212> DNA

<213> Homo sapiens

<400> 21

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caaagaagca tccaaaaccc ttgttgagc aaaggggcca aggcagttaa caaggggcan 840
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<210> 22

<211> 779

<212> DNA

<213> Homo sapiens

<400> 22

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cttttgtgtt ggatccataa cgtcctgag ccaacaaact gaagcagctc cagcccatgt 180
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cacagagaag aagcattcac gcaagcaagt ttgaacgcta tttactaag aagagtgtgg 720
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<210> 23

<211> 856

<212> DNA

<213> Homo sapiens

<400> 23

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agaccggcaa cactcaagan tccaatgcaa tgcccgggaa tccccaaggg caanaaggaa 840
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<210> 24

<211> 740

<212> DNA

<213> Homo sapiens

<400> 24

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<210> 25

<211> 794

<212> DNA

<213> Homo sapiens

<400> 25

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<210> 26

<211> 703

<212> DNA

<213> Homo sapiens

<400> 26

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<210> 27

<211> 685

<212> DNA

<213> Homo sapiens

<400> 27

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<210> 28

<211> 724

<212> DNA

<213> Homo sapiens

<400> 28

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tgctccttag ttcagctaaa tccaggttct tgctcacaa ccaggaaaa ttagacatgc 600
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<210> 29

<211> 718

<212> DNA

<213> Homo sapiens

<400> 29

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<210> 30

<211> 906

<212> DNA

<213> Homo sapiens

<400> 30

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gaataggagt caaaaatang gaggaagag agcacactgg gaatttaggg aaaaagaaag 720
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taatgaacat ttgctaantt tttaaattac aaaaatcca tataaatatn ttactttgat 840
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<210> 31

<211> 698

<212> DNA

<213> Homo sapiens

<400> 31

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caggtaccgc ggcggggggc gggcggcggg gggcgcgggg ctgcgcggag gggcacgcgc 180
acgcacgacg cagcacgcga cgcactacgc acgcgcctcc ggctaggag cgcctgctac 240
ccatcccgct cgcccgctgc cccggccccg ctggagcttc tagggcccga ggcgggcggc 300

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 tggcagcctt tactccggag aagaccttca ccctggcgcc tgagaggacc tcaccaggg 480
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<210> 32

<211> 827

<212> DNA

<213> Homo sapiens

<400> 32

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 gaggtcctt antggagagc aaagcaaaga gaaactcaaa ttgntcata ttaaagaaga 720
 gaaaggatgg atttgtttag acaacacaaa cctaggaagg gtttganaag tganacaagc 780
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<210> 33

<211> 849

<212> DNA

<213> Homo sapiens

<400> 33

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tgggggaaat caaatgggat ccaatggctt tttccccaac aaacttttgt gcaagattta 780
ttaaaccg tttacctcaa gcccacaacc tcaagtggca aaangnact ttaaggaac 840
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<210> 34

<211> 245

<212> DNA

<213> Homo sapiens

<400> 34

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gtttcactgg ccaagaaaac tttatgtttt ggccgggcac agtggttcac gcctgttaat 180
gccagcactt tggaaggctg aggCgggCgg atccctgag gtaaggagt ggggacatcc 240
nngnc 245

<210> 35

<211> 820

<212> DNA

<213> Homo sapiens

<400> 35

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aaatttaatt tatatatggt aactgaaaaa tttcctaaag aattagaaaa taagaaaaag 180
gaattacatt ttttcaaaa agtagtttca gagccagcta tgggccattc tgatcttctt 240
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atgatgagaa atgagcccat tgaaggcaaa ctctcactgt ataggcaaca ggcatctatc 360
atttcccgt aaaaagaagc caaagctgag gaacttcagg aggccaagga gaagttagcc 420
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<210> 36

<211> 884

<212> DNA

<213> Homo sapiens

<400> 36

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ttccccagac acagcaagtg gatcttgact tatccaggcc acttttctact tctgtgtcac 480
tgctttcagc atgcaagtag gtatttcatt aaacattcag aaaagttacc aatttacaag 540
tgggtttttc atccccaagg aatacttcta acttagttga tatcaattca gagcatattt 600
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aaaaacagtc ctcaaatga gaattttccg gctcaaaatt ttttaaaaaa ggtactgggt 840
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<210> 37

<211> 917

<212> DNA

<213> Homo sapiens

<400> 37

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acattccagt tttgcaactt ctccaactgg agcttcaaac agcaagtatg tttcagctga 180
tagaaatctc atcaagaata ctgccccagt gaacactgta atggacagtc cagtgcattt 240

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 ttatccctg cgccagactg aactgccagg aaactcttgt gctcaggatc cggcatcctt 480
 tatgcctcca cagcagcctt gctctttccc cagccaatca ctttcagatg ctgaatcgat 540
 ttctaaacat atgtctttgt catatgttgc taatcaagag ccaggtattt tacaacaaaa 600
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 caagaaaaat acttttgccc taagagatgt tcaaaaaaca gatgcctttg tcccagtgtg 720
 ctctgacaa gcactattca agaagcatca ccaaaacttt gagatancit atactttacc 780
 tgtgttacca tcangaaaaan ggactttaat gggaagtgt gcctccaacc aagctaaatt 840
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<210> 38

<211> 743

<212> DNA

<213> Homo sapiens

<400> 38

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 gttttaattt attaaaaatt gttaaagttt actttatgac ccagaatatg atctatctgg 360
 gtatatgttc tgtgggcact tggaaagaat atgtattctg ttgctcttga gtagagtgtt 420
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ggatctttgt tagttgcata ctanatttca gtgtttatct tcttggtgaa ttgaccttt 660
tatcantatg taacttcctt aaatttagat cttaaantta aaatagattt ccttaaaacc 720
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<210> 39

<211> 707

<212> DNA

<213> Homo sapiens

<400> 39

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agcctagatc ccctacaaat acccatgcac acttagagct cactctgggt aaatgttcca 120
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tctggggcaa aggcggaagg caaggcatca agatnaacaa ggaagttgat ctgggttttg 660
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<210> 40

<211> 752

<212> DNA

<213> Homo sapiens

<400> 40

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 aagcttctgc gctggtgctt agtaaccgac ttctctccgg actcctgcac gacctgctcc 180
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 aaataaatga acttgataga ttgacctc aaanagttat ttggacttgc aaaaagttg 660
 tagttaactc caatctgtga tgtgggaaa gacttctagg cangttcctt tctcaagggg 720
 natgttctta tattttccaa taaccaacaa nc 752

<210> 41

<211> 545

<212> DNA

<213> Homo sapiens

<400> 41

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 gcggcgcccg aaatggagct ggcccgaat ggggagggtt cgaagaaaac atccagggcg 180
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 tgagccggca ggtggcanat cagatgtggc aggtgggaa aagacaagcc tccagggcct 420
 tcagcttcta cgccaacatc gacatcctca gacctactt tgatgtggag cctgctcagg 480
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545

<210> 42

<211> 791

<212> DNA

<213> Homo sapiens

<400> 42

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catagtcaaa atcagntctt ggggtgctggg ttgaaatatg antgaggana gttggggcat 780
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<210> 43

<211> 683

<212> DNA

<213> Homo sapiens

<400> 43

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 ctaaaacttt catctttttt ttatttttct ctttatcaaa atacaacttg actctgaagg 180
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 gtcctagcac tttgggaggc tga 683

<210> 44

<211> 761

<212> DNA

<213> Homo sapiens

<400> 44

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aacctcctac gggncnttta tgagctgtcg cagactcacc gggcctttgg gggacgtgtt 720
ctccccgat cggggtgtcg ggaagcccca ancaatcttt c 761

<210> 45

<211> 757

<212> DNA

<213> Homo sapiens

<400> 45

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gtctctaaat tccccaccc ctccccct ggaaatcact aatgtccatt gtgtctctat 240
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<210> 46

<211> 747

<212> DNA

<213> Homo sapiens

<400> 46

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<210> 47

<211> 721

<212> DNA

<213> Homo sapiens

<400> 47

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agtccttgct attggaatc ttctaaatgt actgttgga caaagcaaga tggcctcatg 180
aagattcaca tcatgactta tagcctggct gaagtttacg tgataatgtg ctgaagaatt 240
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<210> 48

<211> 705

<212> DNA

<213> Homo sapiens

<400> 48

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 acaaccctg cctcctgggt tttagcgatt cttctgcctc agcctccga gtagctggga 480
 ctacaggcac ccaccacgat gccaggctaa ttttgtatt ttattggag acagggttc 540
 accatgttg ccaagctgg ctcgaactct tgacttcaag tgatccact gtctcgcct 600
 cccaaagtgc tgggattaca ggcâtgancc actgcacctg ggccctttta ttattcanag 660
 taaggacaca caggggacca acaattggtc ncctccaac tccag 705

<210> 49

<211> 548

<212> DNA

<213> Homo sapiens

<400> 49

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gtgataggat gttaaccacc atgataaaaa cttacaaaag aataaaaatc actaggaaat   60
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tagacactaa gagaggaaga aaggaaaaaa ggatatacaa aatgacaaca aaataaaaaat  180
catatcaagt atcttctcag accacagtga aactagaaat taataccaag aataactttg  240
gaaactatac aaactcctgg acacatataa cttaccaaga ctgaaccaag aagaaataca  300
aaacatgaac ggaccattaa tgagtaacga gattgaatga gtaataaaaa gtccccaac  360
aaagaaaaga ccaggactgc atggcttcac agctgaattc taccaatctt taaaaagaaa  420
aaatactaac tcttctcaaa ctattccaga aacttgaagg cggggggtgt gggagtggaa  480
tttgtccaaa ctcattctat gaggccagaa ttaccctgac accaaancca gacaaggnc  540
caactaan                                     548

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<210> 50

<211> 680

<212> DNA

<213> Homo sapiens

<400> 50

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ggacatttta tccttaaaaa aaagaaaaaa aaagaaaata tttaattttt aaataccaat   60
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tcctttttct cttttttgaa tatcatggac tttggatgtt ttaaaatcca atattttacc  180
ctcagttaca gtcactattc attttttatt gagatataat tcagatacca taaaattcac  240
cttttaaaac atacaattca acatctaaaa atgtattcac aaagttgtgg aaccaccact  300
actatctact tccagaatat tcatccctcg ccccccctgaa agaagccctg cccctctcag  360
caatcacacc ccattactcc ttcccttcag ccgcaggcaa ccgtcacct gctagtctcg  420
tcttgcatgt gtgcctgttc tggacatttc gtataaatgg aatcagacaa tatgtggcct  480
ttcatgtctg gcattcttca gcacagtgtt tcgaggttca tgcatgtttg tagcatttca  540
tttctaatat tccattggat ggatatacca cttttgtac atcagttgat ggatacgtgt  600

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acgttttana tggaacagtt cccatggctt ttccactcaa gttaggggtt cctggggtta 660
aagccaaggt anggnaaaaa 680

<210> 51

<211> 788

<212> DNA

<213> Homo sapiens

<400> 51

ggaatctaaa atccttaaaa atactcta atgccttgagt gaccaacttt ttttttaaag 60
cacagatgta attgtcta atgtctgatg gaacgtaaca cttattttta tataaaaaaga 120
gactgagtaa acaaacatta tagaaaaaaa gtgaagtttt ttagttgttt ttgttggtat 180
tcaaccagca agttgttttc ttccagagtt tcctccttca aaaagttata ttgcatttac 240
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tcttcacgta tcattctgct aaaccagaat atgttcagct gtgttactaa ttttcagct 360
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cagagcatta tattactgga gtgttaattt acaaaatagt tgggtaaatg ttccaacaaa 600
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tcctaagggt gttacattaa aactcctaac caagggaag ggttccttaa ggaacaattc 720
ccttaagggg gataaaagtt gaaaaaagt gtgccntttt ttttaanggg ctigaaagtt 780
tcanaggg 788

<210> 52

<211> 718

<212> DNA

<213> Homo sapiens

<400> 52

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tgacgttcaa gagtgttaag taagcctggg caacctaggg aggccccgac tctacagaaa 180
aaccaattag cccgacatgg tggctccgc ctccagtccc agctactcgg gaggctgagg 240
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gacaggagc gtgtcaacag cccaccgagt tgaattgggt gtcttgtgta atagccctga 480
gcctggagca tagcaggggc cagaacgacc tcaaagtaca gaggaggcct tggagcttcc 540
tgctggaggg atacatgggc tagacagagc tttggaaagc ttcctcctcc aagggccan 600
ccggaggagc aagaagatgc tggtagcctg acttagtgaa agagggacca gctcaagtat 660
ggggtgacaa gacancaanc cttttaagg gggaaaggga ctaaggctgg ttaatgan 718

<210> 53

<211> 732

<212> DNA

<213> Homo sapiens

<400> 53

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cctacctcgg cctctcaaag tgttgagtt acaagcatgg gccaccgcac ccggcctatt 120
tataattttt tgaggaaact ttgtactttt tcccatagct gtaccatttt gcatttccac 180
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cctgataact aatgacattg gactttttt tatatatctg ctggccacct gtatgtctc 360
tttgagaaa catctattca agtttctagt tcatttttaa attggattat ttgcttttg 420
ctattgagtt gtttgagttc cttatctatt ttgaagctta accctatc aaatgggatt 480
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aagttgcttt tgtgttgttt cctatgacaa ttccgattag aatattaata caaacgtgaa 600
atgcagcttt taccaacaaa tgggctaagt tttaatgaat caataaaacc atattttgag 660
aagtttactc aanagaacc taaaattcaa gttgaatata agaaatggg ggttgnttgg 720
nttttttctt tg 732

<210> 54

<211> 820

<212> DNA

<213> Homo sapiens

<400> 54

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tgtaacattt ttttaaatgt tgcacctact ttacaattaa aaaattggtc actcgcaactt 120
caattttgcc catagagcca tttctttgtc tttgtattga agccaattca tttttttaaa 180
tgaaggctag gccttctatg ttaccaaatt ttttattccc taaaataaac tttttaagaa 240
acaaatccaa gaatggaaac agatgaaaaa tttttttctt ctttaaagaa cataatagtt 300
cctgctggaa aaggaaatct aattttatgt tgtgtccctt aacagtccta ggaagcaca 360
ggagaataaa ctaaaccctt aagaagggtt taaaaattat ttcaaatgag tgaataataa 420
ctgagcagct tttgtgtgat ttgtcttgtt ttagcatta aaagcaaac agggttttta 480
ttattttaaa ggaacatttt tggcttgtac ttttcagtgc cattatgaat gaaaatgttt 540
taagaacatt catcccttgt gatatcatgg gccactttta gtcttttatt tggacctga 600
ctttgagttt ttgctatgcc tgttttttaa gtaaacacag cttctttatc tgaacgtaac 660
actgcagaat tgcaggaaga gaaaaggga agttagtta ttcaatttct gtaagtttta 720
gggaagantc ctaaaatcct acgaagggtga cccaggttt tcatattaga ccaatgatag 780
cacattggtg gtnaaacctt tgggaaancc ttccaatgca 820

<210> 55

<211> 776

<212> DNA

<213> Homo sapiens

<400> 55

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ttaaataatt agaatttcan gatcgggtcaa aatacttttg catctgaaag caggagctta 60
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cgcaccaggc cagataactc tgtgatcatg gacgtatgca ggaatttgta aatatttggt 180
ggatgatagt cagattgcc aatggcagaa aggtttcttg ttttgagtt tgaaaaggat 240
tatagagcgg ggaacaaggt aaatatctga aggtctgcat gatagtactt cttttcctat 300
tgctttggag ttatttttta tacctcttta cacaatgtgt gagactacca aatttacatt 360
gcactgttcc aggtgacttg tgcagttgac aaactatgac ccagcatagc aacctaggca 420
agaggagcct atataattca ttcttattcc tattttgcta tttcaacttg ttctgtttt 480
ataactgcaa atggcctccc aggggtagca actgttgga acttaaaagt aagccagtag 540
ttctcctcac tccatatcta tgctgcttgt ctttgcataa aaagttagtg gatgctgggg 600
gcatggaaaa acaaaactat ttaagtgttg gagaagcctg tgacttttgt agtccttttg 660
ggaatttttc acatgaccaa gggccaaata gttctganng ctctgtgcc aatcctggga 720
ataanagcaa tggggatgtt aaggggagttg aaaagggggg ccaatgggat ttaagt 776

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<210> 56

<211> 770

<212> DNA

<213> Homo sapiens

<400> 56

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atgaagcggg acctgacgga gtttaccag gtggtgcagc atgacacggc ctgtaccatc 180
gcagccacgg ccagcgtggt caaggagaag ctggctacgg aaggctcctc aggagcaaca 240
gagaagatga agaaagggtt atctgacttc ctagggtgga tctcagacac ctttggccct 300
tcgccagaca aaaccatcga ctgcgatgac atcaccctga tgggcacacc gtctggcaca 360

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gctgagccct atgatggcac caaggctcgc ctctatagcc tgcagtcgga cccagcaacc 420
 tactgtaatg aaccagatgg gcccccgga ttgcttgacg cctgccaaacc agagctctgg 480
 gcacagattc tgggtggctcc ctgctggccc tcntgggcct ctgctcacac ctgggaaggg 540
 gctctctaaa tcccgncaa aaactctgac ttgtgccaa aataggatga cccaagggag 600
 aggaaccta tcctctcac cagaagaacc tgtgttttc tgcgaacac ccactgttc 660
 tgaggactcc tgcctggaaa tccaagggg tagttctagc cttctgcct gtgtnaacan 720
 aagctaaacc accaagtctc tctcggggga aacctganac aacatactcc 770

<210> 57

<211> 756

<212> DNA

<213> Homo sapiens

<400> 57

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 gggaggatca cttgacccca ggagttggag gctgctgtga gctatgatga caccactgca 120
 ctccagcctg ggcaacagag tgagaccctt ggcatcatac tcagatcctt ccaactgcta 180
 ggatgaagca tacagacaag tgcccactct ggatataggt gttgggtgtc tctttctgtt 240
 tctatgggtc cagtctgtgt tcttttgtaa gatgtctggg caagccagac caaagtctcc 300
 tatttttact tgctgatcag ggccatgaag aaaaatattt ctaggcttca gatctctgtt 360
 tacaataccc atgttatgta tgtaaaacac accttccact aaatcttgaa aattttttgt 420
 tgcaaacactg gccataagga caggcaaaact tgcccacaca ctcttggccc tgtttgtttc 480
 tctcagctag ccagtcaccac agctggagct tgcacacctg catctggatg tgcagcatca 540
 ggtggtactg cacctcgatc cccaacaagt tgaagttttc ttggaagat tcctcagttg 600
 atgtgaaatt ctctctaaag aggggaattac acctgagcaa caagggtgt ttcacaaatt 660
 gaccaggtag acaaaccaag ccangccatt ttcciggag ctccaaggga tgattcaaaa 720
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<210> 58

<211> 781

<212> DNA

<213> Homo sapiens

<400> 58

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cttgaagaagt taacgtagaa aatatccaaa aagcagtatt tctagaaagt gtccaaaaag 60
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catacactgg tatcacacag tctttctaca atgtttctgt attctgaaag cttaaata 180
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atgaaaacct aaatataaaa aaaaggaaaa tactggagtt tttatttctc ttgtctttgt 360
tacatcctct gtttattata attttagcac caacttcaca cctagctaat ttttttcat 420
cataaagtgg atgaaatgag caagtaccta aaaattttat ttcagacaaa agtcaggagt 480
tactgctaaa aaacagacat gtaggagaca ttcaacagga gtatgaaatg agagtttagac 540
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gagcaaatgt tagctcaaag tatagactta gaaatatcaa agtaagagct atctggataa 660
atatataaga tattgagtgc ttgggaatcc tagcctacta aggtgaaaaa ttaagtccca 720
aatgtcagga ataacttaca ggaaaaatnn naaaatgcac aagctttaaa aatgggggca 780
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<210> 59

<211> 643

<212> DNA

<213> Homo sapiens

<400> 59

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ctttttgtga gatttgtgtt cttaagtctc atctctctga tcataagcca tgttccttca 60
caaaattccc aaatacatta aaagtgtaaa atgtgttaaa agcagacact taacataaag 120
taattcatat tcttctggca ttgcttaagt ccagtagtcc ccccgctatg tggttttgct 180

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ttcctgggtt tcagttaccc acaaccaact acagtcaaaa aataggtagg tacaggacaa 240
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 tattttgttg ggaatctcat gtctctaatt tataaattag gtgnctaatt tataaattaa 360
 acttttagcac aacagataag tatgtatagg aaaaaaacat agtatgtata gggttctgta 420
 ttatccaaat gccatttica gccattcact ggggggtttt ggaacgtatc tctgcagggt 480
 aaaggagac tactgttctt agagacaaaa gatgataaga aatggtttta ggttgtattt 540
 gtggcctcta ttgaagccca aggaaatcat aaaggatttc aacttgaata ccnccaaaat 600
 gtcagggtta aatcnccata agtgcacata aaaaaatgtc naa 643

<210> 60

<211> 576

<212> DNA

<213> Homo sapiens

<400> 60

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 ggccctctctc acccacttta cttttagtgc agagttcagt gatggctagc agctgtcccc 120
 tgatatttgt tattccaagt atccattcat aggtctgggg agaggttgtg gcaagctttc 180
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 tgaatccagg ctataacatt taacaagacc ttattaaaag cttcaagatg ttacgtttta 420
 tctgttccat atctagctta cttggttgtt ttgggggat cacatgtctg tcttccaaac 480
 tggaaacgtc taactctcca ggagatgcag tagcattatt tgttgacag tggcacctac 540
 tggnantttg taangtttat agcccaatgt gaaagg 576

<210> 61

<211> 462

<212> DNA

<213> Homo sapiens

<400> 61

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cccgcctccc gcctcccgcc tccctccagc tgcgagtgcg gcctcggtcg gcggcggcac   60
caggccacag ttgtaaggga tcttgtggct gtcaggatgg cagaggagca ggagttcacc  120
cagctctgca agttgcctgc acagccctca caccacact gcgtgaacaa cacctaccgc  180
agcgcacagc actccaggc tctgtccga gggctgctgg ctctccggga cagcggaatc  240
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gctgcgtcct gcgattactt cagaggaatg tttgctgggg gattgaagga gatggaacag  360
gaataggtcc tgatccacgg tgtgtcctac aatgctatgt gccaaatcct acatttcata  420
tacacctccg agctggagct cancctgagc aatgtacang na                        462

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<210> 62

<211> 824

<212> DNA

<213> Homo sapiens

<400> 62

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tgggtgccca ccgaccggcc tcgagcgccc cggcgggagg tttttctata tgagtggaga   60
agacagctgt taccaggag gtcatacaac attttttag gatgtctgaa gatgaagaaa  120
aagtgaatt acgccgtctt gaaccagcta tccagaaatt cattaagata gtaatcccaa  180
cagacctgga aaggttaaga aagcaccaga taaatattga gaagtatcaa aggtgcagaa  240
cttgggacaa gttgcatgaa gagcatatca atgcaggacg tacagttcag caactccgat  300
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tacagcctcc ttgaccaga tccatgactg ttggtggagc atttcatact actgaagctg  540
aagctagttc tcagagtttg actcagatat atgccttacc tgaaattcct caagatcaaa  600
atgctgcaga atcgtgggaa accttagaag cggacttaat tgaacttagc caactggtca  660

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ctgacttctc tctcctagtg aattctcagc aggagaagat tgacagcatt tgcagaccat 720
gtcaacaagt gctgctgtga atgtttgaag agggaancaa anncttaagg gaaaggctgc 780
aaaaatacaa gcctgggaag ctccgccctg tggcaagggtg cacc 824

<210> 63

<211> 730

<212> DNA

<213> Homo sapiens

<400> 63

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cctgcactta tttattgttg ttatttctta ccgcggagcc ccgcagtcgg gtcctcccg 120
ccgctcccg 180
gcagcgctag cattctccag tccctcagtc ccttcccgcg cggtgcgccg 240
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cagcagctac acctgggcaa ccggctgcct gtggtggtcg tgggcaaaa aagctgacct 720
gttgacatc aaacaagttg accctcaact tggactgcaa ctaaccanca tgctangctg 780
ctcaattcna 730

<210> 64

<211> 746

<212> DNA

<213> Homo sapiens

<400> 64

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atgtatctct tgatcactgt caagatgtgg tattgaacct tcaagatcct ttcaggga 120
tatgtgagat caaaattttt atactggcac tatgatgta tttgcctttt cctcatattc 180
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aacaaaaagt tttctggatg tgggtggcaca catacctgta atcccagcta ctttggtggc 540
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tgcattctag cctgggtgac agtgagactg tctcaaaaaa taaaggtgta cagggantgt 660
atatattgaca acttggtatg tanggatgtg ctacctnaa agttccatgc tgttacctaa 720
gttttcactc actactatat tttggg 746

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<210> 65

<211> 836

<212> DNA

<213> Homo sapiens

<400> 65

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agaaacctga attcagactg attaaagaag gtgaacaat aactgaagtg atccatggag 60
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tggttttagaa atattgaaca tctgatattt tctcttagtt cttattttat aaaaattgtg 180
ggaattattt cctcagctat gagttcttat tagctggtca gaaataaaac atagttagct 240
tttaattggat ctagttagaa ttaatttata tattaagtca ctgggcccaa caaaatgtca 300
tgatttttgc atatacaagt gaggattgtg gaataaaaatt gtaacattaa tgtcagtata 360
aaaggaaata ttagaaacag taggaaaaaa tgaccattgt ataagtctct gtctaataag 420
ccactccact actaggattt atgatagggc tccattcca atgatataga actccctggg 480

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attctcacta agtattttatt ccacatccag aaaacaagta tggcatggag agttaggatg 540
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 ttgatatgat ttttggggga tatgttctaa aaatgtttat gattgaatct taaatggtaa 660
 tattttaga aatatagtta atcattacaa tgtcnagctt atgggatgta tagtcacaat 720
 atgagggtaa aatcaaatgc atttgtantc ccctgctttt anaggccaat ttatttaaaa 780
 aaatacacca aaaatcaatt ggatnggagt gccctgtggg aaataacttg aaaaaa 836

<210> 66

<211> 724

<212> DNA

<213> Homo sapiens

<400> 66

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 cgaagcaaag attccataca atgggtttat aatagcattg agaagtgtc aagaagacct 660
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 agta 724

<210> 67

<211> 713

<212> DNA

<213> Homo sapiens

<400> 67

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tccaccgtcg cctcccactg caaaaaggcc tggataagga acctaattcg agctaccctt 180
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aggatcagtg tccaaggcac aatcttgaac tcatcatcgc caaatatgtg agcacttgat 660
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<210> 68

<211> 860

<212> DNA

<213> Homo sapiens

<400> 68

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ctgcttttaa tgctttatca aggataagga ggaacttcta atcatttttt ttgaaacttt 180
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aacaagatag ttctgtcttg caagtcatca gtgggcctga aacatctgta caagaagaga 300
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 gcaagtggat taaagtctgg tatgatcgac tgaccttgct gggcattacn tgatcgaact 720
 gaagacatca agggagaatg tactggcgat ttactcaat ggcttggtt ccctccttg 780
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<210> 69

<211> 806

<212> DNA

<213> Homo sapiens

<400> 69

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 tcacagtaca ataaacagat ctattcataa atttttgtta tttataaat aaatgattac 180
 ataatttttag ttatatggca atggatttct tttagttggg ttataaattt ctattataaa 240
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 cccaggctgg agtgacgtgg cgtgatcttg gctcactgca agctccacct cccgggttta 540
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 tggctaattt ttgtatttt tagtagagac gggctttcac catgttgcc angatgtct 660
 cgatctctg acctcgtgat ccgcccgcct cagcctccc gagtgttggg gattacaggc 720
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gaagtataag tnccccgaac ctgaat

806

<210> 70

<211> 839

<212> DNA

<213> Homo sapiens

<400> 70

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cgcggtgctg cgagggcaga acctggagtc cctgtcgcgc aggtctggagt gcaatggtgc 180
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gtgcctgtaa gaaccacact gtaaagaact catcattaat gcttgaaaaa tgttattaaa 720
gaaaggagac ttaccaagca ggacattccc taattaaaga aaccaatttg ggtacagtgg 780
ggttaanaat cacaagattt ttttttttaa acccaacctg aagtttanc taaaaatnc 839

<210> 71

<211> 793

<212> DNA

<213> Homo sapiens

<400> 71

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 ttggagagg caaccaaatt ccctggactt tgtcaccag tggctggaag aagcctcaga 180
 ggaccttatg actcagaagt ataaacacgc cctgccagt gggggaatgg ctgctggctc 240
 tggggacatg ccagagctga gccctgttgc tgtccagaat tacgcttacc tgaagcttct 300
 gaagtgggac cacctccaga ggccgttccc cgaaacagtt ttaatggacc agtctcgctt 360
 ccacgagctc cagttgcagc tggaacaact gaccatcctg ggggctgtgt tgcgtggcac 420
 cttcagcatg gcagcgccag gaatttcag ccaggccgac ttgctgaga aactcaagat 480
 gattgtgaag attttgctaa cagatatgca cctgccctcc ttccatctga aggacgtcct 540
 cactaccatc ggggagaagg tgtgcctgga ggtgagcagc tgcctctccc tgtgtgggtc 600
 ctctcccttc aacacggaca aggagaccgt gctcaanggc cagattcagg ccgtggccag 660
 tcccgatgac ccattcgca ngatcatgga atctcgaatc ctgaccttct tagaaacct 720
 acttgccctc gggatcatctg aaagccaatt gccacagtc cctggggggg actcagttca 780
 gtttaanana naa 793

<210> 72

<211> 724

<212> DNA

<213> Homo sapiens

<400> 72

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 tcagcctgtg tggccgtcta taaggatggc cgggctgggt tggttgcaaa tgatgccggt 180
 gaccgagtta ctccagctgt tgttgcctac tcagaaaatg aagagattgt tggattggca 240
 gcaaaacaaa gtagaataag aaatatttca aatacagtaa tgaaagtaa gcagatcctg 300
 ggcagaagcc agaaatgcgg tccttggacc tggcttctca gcttctccga aatcagatag 360
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 taaagaatca gtgaccggat acgagaaacc agtgacctg aggactcctg ggatgaatcc 600
 tcgggtgcag ggtgtctctca agggacccca gctacagcaa gctcccacaa gccttttcag 660
 angtgcaatt gctccctgtc agagcagccc atnggcaaac tggggtgtnt cccggggaag 720
 ccaa 724

<210> 73

<211> 736

<212> DNA

<213> Homo sapiens

<400> 73

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 aaaaatggtt tctgggctgg taataccctt ggtgtttctg ttaaaaacat gaagaacggc 120
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 cctaaggctg agagttcgag accagcttga ccaacctgga gaaaccccat ctctacttaa 240
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 atgacaaata ggattagagc ctctaacagg ttatctgaga gaatattttt acgttttaaa 600
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 tgggtcaag cctgtaatcc caaccctttt gggatcctga accaggtggn tcacctgagg 720
 ncanaagttc gagaca 736

<210> 74

<211> 651

<212> DNA

<213> Homo sapiens

<400> 74

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cacatcagag ttataatttc aaagccagac atgatactgg tttaaaatga atgttatgtt 240
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agggttatgt catctgtct aaaaaggtt gcctattttt ttgactaacg cattcacagt 600
gagaaattta taaatgtgat gggttaattca tagnttaatg ggggcangnt a 651
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<210> 75

<211> 691

<212> DNA

<213> Homo sapiens

<400> 75

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tttggtgaca ccaagtttgc tcccaacttg cccaaggaaa agctggaacg ggtgatccta 420
gggagtgagg ctgctcagca gcacccagaa gaagtcaggg gcctctggca gacctgcggg 480
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gagcttatgt tctctctgga gccaaaggctt cgacacctcg gactggggaa ngagggaatc 540
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 aagatccggt ctgtgggcaa agcctgctct aaangcgctt cctgcggana cttcaaggtg 660
 ctgaaagtcc aacangggaa tttggccggg a 691

<210> 76

<211> 781

<212> DNA

<213> Homo sapiens

<400> 76

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 aacagacatt tctcaaaaga agacatacac atggccaaca aacaagaaaa aaaggtaaac 540
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 cagaatgggtg attattaaaa agtcgagaaa caacagatgc tggcaagggt tcagagaaac 660
 acttttacac tgttggtggg aatgtaaatt agttcaacca attgtgggaa gacanggggt 720
 gtgancctc aaaggattta ggaactggga aatatcattt gaccagcaa tcccantact 780
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<210> 77

<211> 838

<212> DNA

<213> Homo sapiens

<400> 77

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 ttgatatct gcaccaagcg agaacgggat tacagaagtt cacgccaat cagcgaagat 780
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<210> 78

<211> 800

<212> DNA

<213> Homo sapiens

<400> 78

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<210> 79

<211> 808

<212> DNA

<213> Homo sapiens

<400> 79

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 ttaagcccc tatctcctgt ggccatagag cagacatctc ttaagatgat gcaggcagta 180
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808

<210> 80

<211> 741

<212> DNA

<213> Homo sapiens

<400> 80

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<210> 81

<211> 889

<212> DNA

<213> Homo sapiens

<400> 81

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 cccttaaggt taaaaacaaa ccttaatggc ctattttatg ggaagaaaaa acctggttaa 840
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<210> 82

<211> 810

<212> DNA

<213> Homo sapiens

<400> 82

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 ttggaatttg ccaaggagct tcaaaaaacc ttttctgggt tgagcctaga tctactaaaa 180
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<210> 83

<211> 789

<212> DNA

<213> Homo sapiens

<400> 83

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<211> 498

<212> DNA

<213> Homo sapiens

<400> 85

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分 冊
Separate Volume

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<211> 750

<212> DNA

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<211> 696

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<213> Homo sapiens

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<210> 88

<211> 660

<212> DNA

<213> Homo sapiens

<400> 88

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<210> 89

<211> 639

<212> DNA

<213> Homo sapiens

<400> 89

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<211> 789

<212> DNA

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<210> 91

<211> 570

<212> DNA

<213> Homo sapiens

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<210> 92

<211> 640

<212> DNA

<213> Homo sapiens

<400> 92

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<210> 93

<211> 687

<212> DNA

<213> Homo sapiens

<400> 93

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<211> 597

<212> DNA

<213> Homo sapiens

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<211> 808

<212> DNA

<213> Homo sapiens

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<210> 97

<211> 681

<212> DNA

<213> Homo sapiens

<400> 97

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<211> 549

<212> DNA

<213> Homo sapiens

<400> 98

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<211> 738

<212> DNA

<213> Homo sapiens

<400> 99

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<211> 759

<212> DNA

<213> Homo sapiens

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<211> 579

<212> DNA

<213> Homo sapiens

<400> 101

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ctacgagagc ctggccgtcc gcctggaggt caccgacggc cccccggnca cccccgccta 540
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<210> 102

<211> 769

<212> DNA

<213> Homo sapiens

<400> 102

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ctattctaaa atagtatctt cattgtttta accctattca cctccttttc ctattgcatt 180
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gaacctacaa aaattccatc ttggaaaaca ttttagattt accttgattt cacacacccc 360
tgcaaagtgg gtccttgcaa acaggaaagg taaaagattt atttttactg caaaatcatg 420

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cctttatata ggattagtct gtggattatt tcaggcaaca atgagtagat ttttgaagga 480
 aacttcataa cacagttttg gagccctatc ttctgtaaca catttccaac ctttggaaat 540
 aaccttgatt ttccaacttt taacctgata ccaacanaaa tggacaaaaga taatatcaca 600
 tgggaattatt ctgaagagcc agctgctgag aagttccagg agctgtaaat tagacaaaag 660
 catccattta tttgggagta agttacaata tggcntantc taaaaaatat ataatgattc 720
 agggaggtat tttaatggaa ccttatgtgg caatttatgg gngaactaa 769

<210> 103

<211> 686

<212> DNA

<213> Homo sapiens

<400> 103

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 ttttattccc agttgtggct gaaaagcaaa gccatggcat cagtatcctt gtgcaatcgg 180
 aggttgctgg gctttcacca cctgtgtgtg taaccttatt tcctggagga agaaacagat 240
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 aaaattagcc gggcgtgggt gcgggtgcct gtacaggagg ctgaggcagg agaattggcgt 540
 gaaccgcga ggcggagctt gcagtaagct gagatcgcg cactgccctc cagcctgggc 600
 aacagagcaa gactccatct caaaagataa atagataaan taaaaccca tggaaatggn 660
 ttaagaaaat ggnctcgggt acacca 686

<210> 104

<211> 817

<212> DNA

<213> Homo sapiens

<400> 104

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 tcatatattt acagcatata gttaatttga gtagagtcaa attaacttta ctttagaatt 180
 tgattactaa gtattagcat ggataataat gcttcttttg cttaaatgta aaaattaggc 240
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 catattgctt ctgggaaaaa atgtcaatat gtgggaaact gttcctttgc tcatagtcct 360
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 tcctccgaga agcacaaga gaaggttttc cacaccgagg acgaccagta ctgctggcag 660
 caccgcttcc caacaggcta nttcagtatt tgtgataggg atatgaatgg cacctgcccc 720
 gaagggaaca gctgtaaatt tgcacatggg aatgccgaac tcatgaatgg ggaagaanga 780
 agagatgncc taaagatgaa agccaacaan gcacgaa 817

<210> 105

<211> 773

<212> DNA

<213> Homo sapiens

<400> 105

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 ccctcttctg taacccaaat ctcagcgtgt gtccttattt tccttgtttt cagcatgtcc 180
 aagtgaagcc attaatgtagg taatatactg ttagacacag atcatggtgc ttgggaaaac 240
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cttgtatgtt tttgataact gcttggtatg cttcctggan gatcacctgt aggcttttct 660
ttccaaatcc taaatccctt tgattgaagt gccaaagaaa gatagctcct cattgaataa 720
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<210> 106

<211> 776

<212> DNA

<213> Homo sapiens

<400> 106

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tttttcagaa aaaaaataag attaaaggag gtcaaattat ggcccatcca tttttttata 180
acttggtatt tattttagtt tacaggaaga aaaacaatat atctcacttg gctgctgtgt 240
tgacttggtg cctctagtaa agtcactact taaaagcaaa ttgaagagt aagtgctaatt 300
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aggaaaagaa tatgaaatga cttaaaggaca attataaaag catctctaaa caaattacat 480
gaaatatact ttgtgttaat agatcatgaa ggtaacaatt ttttaaaagg gaagggacca 540
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gaaaacactt gaattttgta acaaaatgtc atttcagata tgttatagtt ggtttaaact 660
gggcttcaag cagtcattaa aaagggtgtg gtcaagaact atcatccaaa nacaggaaat 720
tataaatgat ngggtgaggt aataccttta aangattaaa cctcaatgcc ggaaaa 776

<210> 107

<211> 794

<212> DNA

<213> Homo sapiens

<400> 107

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ttaacatagt ctcccaaata taaagtttta gatgggccct caaaattttt agggcatggt 180
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tatttcttac cctcttcagt gcctgtttcc ttaatatgat aataaaccag gtactgcgat 600
cactcacctg attattgnt cttaagaagg ngctttttta atggaattgg tcagtttgat 660
aattctgtcc ggaggatga ctgctggagg atctantaag ccatcttgct ctgccttctt 720
ggaacacata aaaatcacag ttttgggcaa ctgtaagtca aagtgttgga anttaattat 780
tcantttttc ctg
794

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<210> 108

<211> 717

<212> DNA

<213> Homo sapiens

<400> 108

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tttttagccc acaaaaatag catagcagca gcttatcaaa atgtcccaga caagtttact 120

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tcaacaaatt agtaacacct tcatgcttcc tgtggtggaa gaaatgcaga gtccacttcc 180
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 gccatgaaat aatgtgagag tatttgtttc cctgcaaag ggaagagggt ccagagacaa 300
 aagggaagt agtattcact ggaagcctcc ctgtacaagc aacagtgtta ggacttttat 360
 acacattttt acaattatta cagcagttct caattattga aacagagggt aggcatttcc 420
 cctttttcag aagggaag tgagaattaa gttaattcca aagtcacaca gctagtga 480
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 cacaggccgc cctcctggca gtgagagttc aagatctgtt ggagaaaact cagaccatgg 600
 gtttcttgca acttctgctg ggngaacaat taaggtncc gttccccctg ggggaagtgt 660
 ttcaaagtgg aagcaaccac ccaaggggga aaaagtcctg gggcccttgg gngtita 717

<210> 109

<211> 836

<212> DNA

<213> Homo sapiens

<400> 109

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 agagtcttac tgtagtctg cttttatgtt tccaagggtt ttgtgcatgg actttcctct 180
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 tgcagctgct ttaccagaa cctcaggagg aactctgagt ccagagccag gctgagtcca 480
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tgagtttaaa gttccaactt gcaaatgaac ttttgataa ccatcaattg ttanggggaa 780
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<210> 110

<211> 759

<212> DNA

<213> Homo sapiens

<400> 110

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tatactgaga cctcatctct acacaaaata caaaaatcag gtggttatgg tgggtgtgtgt 180
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ggagagtgcc tggcgtggct cctgggttttc catggtgggt ggagggnccg ggcaaccgct 660
gatgccctgt tgggggaagg aacnggaggc cactctgcaa aagggggctc tcgcttcccc 720
aatgtctca tntctgaaaa agcaaggcaa ntccagtta 759

<210> 111

<211> 508

<212> DNA

<213> Homo sapiens

<400> 111

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 gtgtcccga caggcgtgga ggtggggcgc aggcgaggat gaagcttgag ttggccagga 120
 gtcggaaaac gattgcaggc gggaccgcgt ccgtcggggc tgaggaaact tagcgtggca 180
 gaccctaaac tgggataact ttagggatat ggccttcttt tcccagttgc ctcaaactta 240
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 tagttggaga cagagggcaa gccagaaact gaccttccca tctcctcatt cccttccatc 360
 aagaactttt catcgttctt tccccacctt ggtttgtaaa tggatatttg cttcataaaa 420
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 aaaanaaatt tttttttatt gaccttgg 508

<210> 112

<211> 879

<212> DNA

<213> Homo sapiens

<400> 112

acctaaacat ggagacagcg ggcgctgcaa ctgggcagcc ggcctctggg ctggaggctc 60
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 ctgcagcggg aatgctagct ggatttatta caacattatc attggctaaa aagaaaagcc 180
 ctgaatgggt caataaggga agtatggcca cggctgcatt accggaaagc gggcttcccc 240
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 aatcaatatt tccaacaatt cccaagaact ccgaatcggc tgttgagtgg gaggaacat 420
 tgaatccaa atgagatgag catggatgaa tttcaaaatg cttgttacag aaaggggttg 480
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 ttgaagcaaa tttcatacta aaaaaagttt ataataaaag tatgataaga aaatatttat 780

aaaacaganc cccaatagc aatatactgc aatgtgtcca aattaaangg agtttcaaaa 840
agccnttcct tgtcaaatat attgacaaga accttggaa 879

<210> 113

<211> 649

<212> DNA

<213> Homo sapiens

<400> 113

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cattataact aaaggaatcc cctcaattca aaagcataga tggatacaaa tgcagaccg 120
tgggtttaat ttgtttagaa cacatggcat ttcttcacaa ggtaacctgc tgtatttatt 180
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cttaaggctt tgtaaaaact atccatgaag ggaaagctcc tcagcataac tgctcaggga 420
aatagggcta aataactgaa cattaataaa ttggttaaag gtgctgttag tcgagcctca 480
atgcttgcta caaggatgta tgtacaagga ctgactttaa taatttgcat tatattgtcc 540
caaccagtag tttatttttt gccacggaga tgtanaagat attacaagct actggatgca 600
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<210> 114

<211> 709

<212> DNA

<213> Homo sapiens

<400> 114

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ttagagacag gatttttgtt tatacttaaa cttcagacaa attggcagca tataattgtt 120

cctttataca tgagataata tgatgatata actgatgttt aagaacattc ttattgtaag 180
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 aagacaattc cttttttgtg ggtgtgtact cattaatgcc tggtcgtcct ttgcaattta 660
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<210> 115

<211> 734

<212> DNA

<213> Homo sapiens

<400> 115

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 tcagccccta gagagtagag aagtgtgaga aggggttggt ccccgaaat tctgtagttt 180
 tggggaagaa gcaatgggga cagtggagtt ggttgcctta agagaggcta tggttccaag 240
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 catccctttt tactgagccc aagcctggca cagaggangc tggagttagg aagcaagaaa 660
 acgaggtgac ccagtccttg atcctgagaa acctgtgaa tctggnccaa tgcaagaaaa 720

ccgctaataagn ccaa

734

<210> 116

<211> 677

<212> DNA

<213> Homo sapiens

<400> 116

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tggaagaga gctattcgtc tgggtgggat catgtcaag aaatgatgg actccggaca 600
gattgatttt tancaacatg acaaaagttt gctccaatac ctgcaaaanc accaaatttg 660
atcttccgat naacaat 677

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<210> 117

<211> 659

<212> DNA

<213> Homo sapiens

<400> 117

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ggccagcgct cggccatgct atccgccgct cggaggggac gcgccgctcc cgccgccagg 120

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gagctgaggc acgctcggca catgagttcc tgtttcatta ctgtgggcag catcttcacg 180
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 cccganggaa cgggggcctg ctacgggcga ngcgtctgcc catgctccgg ggaaggcgt 659

<210> 118

<211> 698

<212> DNA

<213> Homo sapiens

<400> 118

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 ttgaatacct tgtaatgttt tacttcttgt ggcatcctgc actttgtgta aaatcaggag 180
 tggggagtgc caataaatat ttgattgact aattgacagc ttgagtcaag gtctctggaag 240
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 aatggacgat ttacagctaa tcattgcgtc ttaaccaggg acagctggag ctactgctt 360
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 gcttctgtgt tcaaggctgg cttttgggag ccatgttcaa gcatgcccta agtagcacag 540
 tcagcagcct ttttcttca ctctttangg gctggggtg aggaacaaga ttccctcaat 600
 tttccaacaa ataaccta atcagtgaat aaaaaaangg ggggtggggc aatggtgcaa 660
 tcagtcantc atatgccaag ttgtanccat gtttaagta 698

<210> 119

<211> 697

<212> DNA

<213> Homo sapiens

<400> 119

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gtgagtatta actgttttgt tattaagacg tgtgtgtctc tgccatttgt atttaacacg 180
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caccaagaca aggatgaagg attcgccctc atgacccaat acctccact aaggcccaac 600
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<210> 120

<211> 634

<212> DNA

<213> Homo sapiens

<400> 120

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ccaggctccc tctggccaca gacttgccac ctggctagct cctctgcct acccctagcc 180
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cacagtagac aatagaggct agatgcatat ttttttctt aaaatattgg actactttta 300
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 atgtacagat taaagtttaa aaattaaact tctgaaccat gagatagatt ggttccatt 420
 caagtaatcc attcacattt tacctactgt aatgactggg aatgtgctgt aacatacttt 480
 gcanccctgg cctcccttcc tgtctcctaa aanaatggag ctgggtgttt caagtttgn 540
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<210> 121

<211> 740

<212> DNA

<213> Homo sapiens

<400> 121

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 tcgatgcctc agaaaggggc gaagaaggct ggttggaag gagaccagca taaacacttt 480
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 tgttcttgcc gatgcttctc accgaagggtg ttaccaagc acactgctct gccanacaag 660
 gcaaatgtac actggggggac caccatgttc acgtgtcctc aagaggaagc ggaaanfaat 720
 gggcacagna tctttgtcaa 740

<210> 122

<211> 584

<212> DNA

<213> Homo sapiens

<400> 122

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ggccgagggga aacacaaccc caagcagcct ggagtaagtg gtcccagaggc agctcaagac   60
agtttggttt tattcatttc agagagacag gaattgcagg gaaaatcatg aatcagtgcc   120
tggaaggtgt aagttccatt ggcagaaagg gtgggacctg tggaaggggg gttagaaggc   180
acaggtagtt gagggattct gtaggtggca gctggttgag agtgttgaat ctttgtctaa   240
agtttgagg aggtaggaag gaatgctgaa ggaagggggt ctgttatctg ccacttcatt   300
ccatcccagc caaaaaacag acctgtttct cgagatttta tgaattctaa ggcgtaactt   360
tacctttgcc ttgcgtggcc ttaggtcttg tttgtaattt ggtatcttgt tgccacaagg   420
agtctgtttt tccagtcaga taatgtctgt tttacatga atgtgcgtca gttgctgcat   480
gtaaactcct aaagggagan ggtataangg agacctgtct caactcccat cctgtcatac   540
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<210> 123

<211> 730

<212> DNA

<213> Homo sapiens

<400> 123

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gacaaataca gcaagtattt catttctcat aaaccaaaca agacctggca gcaggtgttc   180
tggttcgcca tcagcatcgc catcaacaat gcctacatcc tgtacaaaat gtcagacgcc   240
taccacgtgg agaggtacag ccgggcgcag tttggagaga gactcgtcag agagctgctg   300
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ctggtgtgtg gcttctgcc tggganggat gcacagggcc tctggaggga caggatggac 480
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 atgacatccg tggagcttgc gangcaacgt ggactggtga ctgtgaagga aggccccntt 660
 gtaaaatgag ctggagcacg ctctaagaga gatgctgctt cctaagaatn tacagcaatc 720
 tgggacntgg 730

<210> 124

<211> 752

<212> DNA

<213> Homo sapiens

<400> 124

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 aaggctccgc tggcgtttgc ggttcagcgg ccgtccctga gtaagatagc cacttttctc 180
 cgacgctgcc aatagccttc tccaagtgc gtaggctttc atcgctttgc aggagccatg 240
 cctcggggac ggaagagtcg gcgccgccgg aacgcaaagg cagctgaaga gaatcgcaac 300
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 gggangcaac acaacatctt tggagattcg aanaaggtcg ttacagaaga atttgtgccc 660
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<210> 125

<211> 796

<212> DNA

<213> Homo sapiens

<400> 125

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ccctgtgggt taatgaatga aaagtatctg ctattatggg gtggtttcat cttatcaatt 180
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caaagaaaaa ttagataata tcaatagccc atcttctaac acattgccta gctcaatact 540
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aaacttacaa tgacatttca agtgggtttt ggcaatggtt ttcccaaagt anggggaacc 720
tttaccacag gaanggtaca caagtggatt ttccgggggg gttaaaacaa gattgaacaa 780
ttttttaant tttaa 796
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<210> 126

<211> 644

<212> DNA

<213> Homo sapiens

<400> 126

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cattggtggc gctgaggtgc cggggcagca agtgacatgt cgtcgggcct ccgcgccgct 180
gacttcccc gctggaagcg ccacatctcg gagcaactga ggccgggga ccggctgcag 240
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agacaggcgt tcgaggagat catcctgcag tataacaaat tgctggaaaa gtcagatctt 300
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 gcagaagcag caaaggaacc tctaccaant cgaacaggat gatgacattg aggtcaatgt 600
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<210> 127

<211> 505

<212> DNA

<213> Homo sapiens

<400> 127

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 agagtgggag gcttggctgg aaaggcttct ctgaatagga tgacatttga tctgtgtttt 180
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 ggtagcctct agccacattt ggccaataca actgaagaat tgaatattaa ctttcattta 420
 attctagcta atttaaatTT aaatagtTtc atcagttagt ggctaccata ttgaacantg 480
 caagnnttaga gataaacaga ggnca 505

<210> 128

<211> 772

<212> DNA

<213> Homo sapiens

<400> 128

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 tgtctccaaa acaaacaaac aaacaaaca acaaaaaaac cctgtagctt gggatcagcc 180
 ttctctctg ttgttttct ttaaaaaata aaaattaaaa ataggcttca agtgatcctc 240
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 tttttctac ataaaaaca gcacaggatt atcttccaaa gctaacaaat atgttcaaat 360
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<210> 129

<211> 678

<212> DNA

<213> Homo sapiens

<400> 129

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 gatgtggagt tctttatcc actaaagccc atctgcagag ctgagttcta aatctaagag 180
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 ttagcctcct atgctcatt ctgtgcttgg taatgtgaga aactatttta aatataatgt 360
 ggtacatacc tcttaaaact tgtttctcta gaggaacag catgtatgtg accttaagt 420
 gcaatctaag aaagcacit aatgctgaag tgattgtaaa aataataaat actcacatag 480

ttcaaagaaa tactgaaaa ggaaagccta tgaaggcgta atttaaagag ttacagttag 540
aatccaaccc tctgagatga tgaaagctaa ggtatgatca tgtctgcaac ttacttttat 600
attgttgggc cctctctccc aaaaggnaaa tatgacaaat attacnaatg tttgggctgg 660
gantacaagc atgagcca 678

<210> 130

<211> 666

<212> DNA

<213> Homo sapiens

<400> 130

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tatctgattt ctctactggc gaaaatgttg gaccacttgc tttaccagtt gggaaggcaa 180
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tggatatattc cctggagtc tgggggatga aattcttcaa atccctcaa tctcttcaa 600
ctggcaaatc cggaatatat aaaggtggga atcaaggag aancccaaaa ggggcccttt 660
tggnan 666

<210> 131

<211> 753

<212> DNA

<213> Homo sapiens

<400> 131

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gctcttgaag agccgtgtca cactgagagc ttccttgacc tggctctcatt tccctctgac 180
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ctggactgca gtggcgcaat cacnggcat tgcaacctcc aactcctggg gttcaaggca 720
ntcctcccaa ccttaagnct ccccgagtag ccc 753

<210> 132

<211> 772

<212> DNA

<213> Homo sapiens

<400> 132

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 tgctatgggg tggggccctc atagagaacc tctgctaggg cagtgtggaa agggaaatgt 720
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<210> 133

<211> 606

<212> DNA

<213> Homo sapiens

<400> 133

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 taatggaaga gcctggccag tcccgcgcgg ggcgcccgca gcgacagcct tggccnggg 540
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<210> 134

<211> 843

<212> DNA

<213> Homo sapiens

<400> 134

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<210> 135

<211> 860

<212> DNA

<213> Homo sapiens

<400> 135

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gatcgattgc cttttattta tgagtttcta gctcttgaag ttattcacat gcagttcagt 420
tagtcaagta aaattttttt tcaaataaaa gtatccaagt gggtgcagttta ttattatatc 480
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gcatttttta atccttgata aaattttccc ttttgggtgtg aaacttcaaa gaaaattgnc 780
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<210> 136

<211> 716

<212> DNA

<213> Homo sapiens

<400> 136

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gttcagagc gacgtttgcc ctgcgacaca ggcgggccgg ctctcctctg tctttatttt 180
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<210> 137

<211> 868

<212> DNA

<213> Homo sapiens

<400> 137

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cctttgaata agcctgccat ttcctatagc atatgngcat tttttgttcc tggaactttc 780
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<210> 138

<211> 773

<212> DNA

<213> Homo sapiens

<400> 138

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 ttagaactaa agtgctgtgc aggggtgggag tggagtgtac ccacgncag cccctgggca 720
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<210> 139

<211> 710

<212> DNA

<213> Homo sapiens

<400> 139

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 ttgtcccttg ccttccccca cctgtgaggc ccagcttcgg catcgtacgg ggtggttctg 180
 ggccgggttg cgcatcaggg tccccagtg cctgtgacca ggcccggccg ccccatctta 240
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 accatccccca agtttggcat cgagaaggag gtgcgcgtgt gtgagccctg ctacgagcag 360
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cgacaaacct gttgcttggg ttggtttg gtttgggtg catttcaact ttcggaataa 660
aacttacaga aaagttgcaa gagtancaca gagaaacttc ggggccnngg 710

<210> 140

<211> 790

<212> DNA

<213> Homo sapiens

<400> 140

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gctgggcagg cccctctcc tccaggagc ttgtccttg ctaattttt ttcgtcctga 180
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tctgagcgac ctggagcacc ttggctgtgt cctgcctgc cttaccctc ctccagtgc 360
cccagtactg ggcgtgagtc cggaagtggc cacaaccag cctggaccgt cgcttataa 420
gctgtgtaaa cctgtataag ctcaggcgtt gacagctga aggagctgg cactggcagc 480
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cctttgtct gcaagtctg attgcttaaa ggagctaagt caggagagac atgtaaagg 720
gatgtgctt ggtccttct ctttaatga agcccgaaac cttccctt ttccttnga 780
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<210> 141

<211> 814

<212> DNA

<213> Homo sapiens

<400> 141

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 tgagattaca ggcatgagcc accatgcccg actaatittg tatttttggc agagacaggg 180
 tttcaccatg ttggccaggc tgatcatgaa ctcttacct cagatgatcc acccactcga 240
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 aacaacatgt gattacttgg ccacttttct attcaaaaat atggtttatt agtcctgatt 360
 atgtgccctt ctggcagac agaataatgac tgtgtacttc tgctgaaaga aatagaaact 420
 ctcttcatt ttctagataa gagagtccca aaacagaatt tccaaaaact ccagtttagt 480
 gaggtaactt aaaatcctct ttaagaagga taattatctt taaaggttga ttcccacct 540
 cctccccag ttacttaagg aactaagtga gtacatctcc agttgccccat gaaagcataa 600
 gtttgtttct ctgagctgag gcaagtggta gaggatacag gataacgaag taacatgtaa 660
 aaggcaggac gcacataaag gtgacatggc tattggttca cctggagaaa ccacatgatt 720
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<210> 142

<211> 727

<212> DNA

<213> Homo sapiens

<400> 142

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 acacctccag acaggttgcc agggccccac atggaggagg caggtgggcc catggccccg 180
 gccaaaggccc aagtggtaag tgccacattg acatggcggc agtggccccc caccaggaa 240
 gagatcaaac atggttttca caagggtgtc ctggtgtcag gggcccagat ggaagccccg 300
 cagaaggaga tgtttgagtt cagccgtcga gaggaagtgg aagtcaatgg ctttgcaaca 360
 caggaagaag agactgtgaa ttgccagggc cctcgggata cagctggctc caagaacttc 420

cagagccatg gacccatctt ttccaagaag tacataccac ctcccaagga gaaaaggcct 480
 gaggggaggc tgaaggaggc tgtggaccag agtgatggca gccgccaagc tcccaggact 540
 gagcccccat gtgtgggagc tatggccagg actgagcttt tggttcccct gctgggcccc 600
 gagagccaag tccccacca ggtgtaggtc tcaccagtgg tagcttccgg agcctnnagg 660
 aataccgagt gacacgcact gtgcggacca ccacatggtg ggaggatatgt tgaccggcgg 720
 ataacaa 727

<210> 143

<211> 661

<212> DNA

<213> Homo sapiens

<400> 143

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 ggcggtctgtc ttggacaccg agggcccaac acccaggctg gtcagcacag ctacctccc 180
 gccaaagacc ctcccaggc cggccaccac ccaggagcct gacatccctg agaggagcac 240
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 gaccttccctg accacaatcc gggatgagcc agaggttccg gtgagtgggg ggcccagtgg 360
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 tcagaagagt atcctggagc ggaaggaggt gctcgtagct gtgattgtgg cggggtggtg 600
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 a 661

<210> 144

<211> 775

<212> DNA

<213> Homo sapiens

<400> 144

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ttgtcactat tgagccctct tagtttatgc tagacgtgtt tttcttattg gttgatattt 180
taaattatta aagccatctt ctgaataaagc tttattcgca ctttgtacct agtttctcca 240
tcagaaggat ctattgctat accattgtat acattttctc attggtcttc gggttacttt 300
cagagtgtaa agactcctta tgccacaaaa ttaagcttag atttccccca aatcaaatac 360
tataaatcag attccttagt ctagccacaa ttgacatata ttggagtgga taaatctttg 420
ttgctggcat tgttctgtgc atcataactt gtttagtggc atgtcatcac tgtcttctac 480
tctctagatg ccattagtat actcttcaca gttaggacaa ccaaaagtgt ctccagatat 540
tgccaaatgt ctctgatgg gcaaagtcta tcccagttgc gaaccattat tgtaaattaa 600
acttggtttc aaatttgagc tttattcctt agctctggga acttgggcaa gttacttccc 660
ttcgagcctc aatggcctca ttgtaaaat gacattaata cctactttta gctgtgggaa 720
atgagtacca tgattatnnc agcagttgga tgggctggta catganagtc aaagg 775

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<210> 145

<211> 670

<212> DNA

<213> Homo sapiens

<400> 145

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gtgcagtggg gcgatcatgg ctactgttag ccacatagc tgacttgaga catcgacctc 120
cctggctcaa gtaatcttcc cacttcagtc tctgaatag ccgggaccac atgagccacc 180
aagcctgtct aactttttta ttttttcag agatggggtc tccctatgtt gctcaggctt 240
gtctgaaact cctggcctca agcaatcctc ctgcctcggc ctcccaaagt gttgagatta 300
cagatgtgag ccaacatgcc caaccatgtt ctgttcttat atgaatccag gtcaaaaaga 360

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ttaagaacct aggattatca tagacatccc ttctactttg aatattcttc taagtttgtg 420
 attatatgct atgtataatc ttagacaatc ttctaataca tgattgaaaa gaattataat 480
 gataggcaca tgaaaaagca atgccttggc ccggcacagt ggcccacacc tgtaatccca 540
 gcactttggg agaccgaggt aggcagatcg cttgagccca ggaatgtgag gccagtgtga 600
 aacctgggca tggcaagaca ccatcintac aaaaagtcaa aaattggcca ggcgtggngg 660
 cncatgcttg 670

<210> 146

<211> 841

<212> DNA

<213> Homo sapiens

<400> 146

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 tgaatagcag ctgcattttg aagttgcaat aagtgtgagg aaaaatgtgct tgtagctca 180
 gctctagaca gatccatgga tagaaagaca tagacatgga tccccatcca gctaagtatt 240
 tgcaatccgc aggtgaagcc tggaaccca gagaaatgga cctgttccat ccgtgacaga 300
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 attaggtagt gttttagct tttggatgct tttggtggag ggaaaatgag atgggctcac 420
 ttgggaggtc tgcctgcagt ttccatccaa atttctaate aacgttgttg ttttatcatc 480
 catttccgga atcattaccc cttaaaatgt gaggaacacg actctccttt tcttcaactc 540
 cccatctttt ccaaataaccg ctgcgagttt ttgttgccaa cagcttttcc caatgtgcgt 600
 gtacttacca acgtccagac tcctccctcc catcggccag ccttgcttgg tctagctatt 660
 attcaaaggg gaacatgcgt gagatatac tttggtttg ccatctaag gattccaccc 720
 cccaaagtnt ctgactttgc acttaggtc atctgcanga cccnagggt ggcttccctt 780
 cccitccgtg gctggcttaa aggggttaat tgaatccatt ctcttttctt tttccgggnt 840
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<210> 147

<211> 764

<212> DNA

<213> Homo sapiens

<400> 147

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tgcttaaatt gttatgatca tttattataa atcatgtatt acggctaatt aacatacata 120
tgctcagtca tttacttgat tagttattag cctcaattat attatTTTTT aatatatatt 180
tttatttgac aaatagaaag tatatagatt ggtacaatat gatgtttgga aataagcata 240
tattgtggaa tgactaaatc aagctaagta acttatgcag taccttacat gcttatcttt 300
tgttgtgata agaacacttg aaatctattc tactgtctta gaaatttaaa aatgggcaaa 360
ggacttgaat agacatttct tcaaaaaaaaa atgcaaatga ccaacaggta tatgaaaagg 420
tgctcaacat cactaattat cagagaaatg caaatcaaaa ccacaatgat atatcaccta 480
acacctgtta agatgtctat tagaaaaaca aaatgtaaca agtgttgata aggatatgga 540
gaaatagaaa tctttgtgtg ccttgtacac tgttgcaaga gcattagtag aactactttg 600
gaaaactctt tgnaattatc tactaaagat gaatatatgc ctactatatg acccagtggt 660
tctactttga agtgatcagg caacagaagt acatgcatac atgccccaaa gacatatccn 720
gaaatgggtat tagacntctg gggttcaggtn cacatgtagg gagc 764

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<210> 148

<211> 873

<212> DNA

<213> Homo sapiens

<400> 148

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aataataaaa ttatgtctaa tgaaattcca aattaaggca aaataaaca cagaagaatg 60
acagcaaacc aaactagtgt actggttatt actatcaata attaacagag gtctggaagt 120
ttgaaatgct acaagtttta actgtataca gttgataata ttgctttctt taggaatcaa 180

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ctgaaaacat actaaaatta attggtatga ctaagagagc agaaaataaga ctaaaaaataa 240
 aaacacaatg gatttcttct atgtaaagag cactcagaga ctatgatgaa aatattacat 300
 accaatgaca gtgaagtag aaaaaaacac caaaaataata gtgtgaaaag ttttaattgga 360
 attcttaaca agaacatgta agattttcat gactaaattt tatataaata aaaacttgta 420
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 tttgcatata gatttactat caatctgaaa gtcttaactg aatctttctt ggatcgctac 540
 aaaaatatac aaaaaaaact catcttaaaa taaaaatcag ctaagaacta gtggaacagc 600
 aagtttagta attttcctac caaattttta tgtcatttta aagccctact aaatatttta 660
 atattttata tatttctata atagaacaaa ttgtatatag catgcttcct gaattggata 720
 gattttaata tcatgagagt agatagatat actaacagaa ataaattcat ttactnataa 780
 tgcttggcat ataaaaacca tactttgggg ggatagaata ggagcatgaa aatttgggct 840
 aatncatttc ctctaaatt actggaaaat ggn 873

<210> 149

<211> 850

<212> DNA

<213> Homo sapiens

<400> 149

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 tcaagatcag tctcagggtc cacgtgtgcc aacgcataca cttgccatgg ttgtacctcc 180
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 tcaccatac cagcctttgg agtgcatagt agaggagact gaaggcaagc tgaatgaact 360
 gggacaaaaga attagtgtcta ttgaaaaagc acagcttaag tcactggagt taattcaagg 420
 tgaacctctg aacaaagata agatagaaga acttaaaaag aacagagaag agcaagtcca 480
 gaagaagaag aaaatatgta aagaactgca gaaagtggaa aggcagttgc agatgaaaac 540
 acagcagcaa ttaccaaaag aatacttggga aaccaaaagg cagaaagaca cagtgtctct 600

acaccaacag tgctctcata gaggagtctt cccagaaggg gaaggagatg gtagtctccc 660
 agaggatcac ttttcagagt tacctcaggt tgacacaatc ttatttaaag ataatgatgt 720
 tgatgatgag caacagtctt caccatcggc agaacagatt gattttggcc cagtccagcc 780
 tttatcatct tccacagngt aactttttcc agtgacttag gntctaattg gacaaantct 840
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<210> 150

<211> 739

<212> DNA

<213> Homo sapiens

<400> 150

ggaaaaaaag ttaaggatac agttgaccgt tcgataatgt agcccactgt tgaccagaag 60
 ccctaccac aacataaaca ggcaataaca catattttgt atgtgtatta tatagtatat 120
 tcttaacaat aaagtaaact agagaaaaga acatgtacca agaaaatcat aaggaagaga 180
 aaacacattt acagtactgt actgtattta ttggtacat acatttatgt tgctgtttac 240
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 catcactgtt ggcacttcat atgggtctca tgggtttaag gtttacggca ttgcactaga 420
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 tgcagtgagc cgagatcggt ccactgcact ccagcctgga tgatagaggg agactctgtc 720
 gcaaaaaaaaa aaannngaa 739

<210> 151

<211> 783

<212> DNA

<213> Homo sapiens

<400> 151

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gaanactcac agataaagtt atagttatit cagggttctg aaaagacgca gaacatgaag 60
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aactccagct gcgctccgca gagactgttg gagagaagga actggactcc tcaagctatg 180
ctctacctga aaggggcaca gggctgccgc ttcctctccg accagagccg gagaaaggac 240
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gaggcagcaa ccatcttact ggcgtccctt cagaaatcac cagaagatga agaaaaaac 360
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tgtttaatta tggttctatt ctctttgaaa acatgaacca tgtgaataaa acctttggac 480
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gaatatatat aggatgctta gctgagaaca tcctcttctt tcattgcttc aggtcctgtt 600
tagatgacca aaaatgtttt cagatcacct tgtgtcttac tcttgagttt cttagaatat 660
ttataattat aaggctgaag actaaagtn tctttccttt taactatagc cagtacctgg 720
cttgatctta ntgggntttt tttttttca ttttgggtacc cacttgcat tgggtttcac 780
tta

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783

<210> 152

<211> 777

<212> DNA

<213> Homo sapiens

<400> 152

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gaaggaggga tgaggagacc tgccccgca tgggtggccag ggcacgtcac tgcaggccag 180
gtgagccacc agctgggcag catcatggac ctcttcacca ccagcctggc ccttgccggc 240
ctgacgccgc ccagcgacag ggccattgat ggcctcaacc tcctccccac cctcctgcag 300

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ggccggctga tggacaggcc tatcttctat taccgtggcg acacgtgat ggccggccacc 360
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ggcattgatt tctgccctgg gcagaacgtt tcaggggtca caactcaciaa tctggaagac 480
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caccaggagg ccttggtccc cgcgcagccc cagctcaacg tgtgcaactg ggccgtcatg 660
aactgggcac ctccggctt gtgaaaagt anggaagtgt ctgacacctt ccggaaatnc 720
attcccaaga agtgcctctg gtccactaa cacctgggca aactcaggcc angccta 777

<210> 153

<211> 691

<212> DNA

<213> Homo sapiens

<400> 153

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ttctgcatat tgcagttctt gtcaatgacc tggtaagtct ttccttacc tagtgaagtg 180
ttaaaattgc ctgagatgtg acgagcattt tgtttgggac ctgtgaagcc ctgacatttc 240
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taagaaaagt aggtgatgcc atgtgagtac ataaaagtga gaccaaataa caggggtgagt 480
ccaaggaag atgagttac ctgcattctc cactctattg ctggataaat acaacgtgga 540
atttatcctg atgttgactc tgtggccctg tgatatctgg agatgtcttc tgaattggca 600
gngattaaat acttcttaag ttactggttg agcatccaaa tcccaaatgc ttcaggatcc 660
caaaactttt ttttttttt tttgaggcnn a 691

<210> 154

<211> 740

<212> DNA

<213> Homo sapiens

<400> 154

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cactgccttt gctaggagtc atttctagaa attacttaaa ataggagaca agcatcaatc 180
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atacagcaat caaaaggtct tagcttagtg tatcatcctt attagaaacc aagatgttgc 360
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tgcctttaca ggtaaacaaa caaaatcact ttattactgg attttataac caattcccat 540
tcttttttgt gactattcag gagaatactg gggtgaccct aaccaaggat gcaaatggga 600
tgctatcaag gtattctgta atatggaaac tggggaaaca tgcataagtg ccaatccttt 660
gaatgggtcca cggaacact ggtggacaga ntctagtgtc gagaagaaac cccgtttggn 720
ttggnagtc catgggatgg 740

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<210> 155

<211> 761

<212> DNA

<213> Homo sapiens

<400> 155

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gaggatggca ggaggagtgc ttgcatgtt agcagtcctg agagtagctt gacaccacct 60
ctctcaacca acctgcatct agaaagtga ttggatgcat tggcaagcct ggaaaacct 120
gtgaaaactg aacctgcaga tatgaatgaa agctgcaaac agtcagggt cagcagcctt 180
gttaatggaa agtccccaat tcgaagcctc atgcacaggt cggcaaggat tggaggagat 240

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gatctcttgt gctgcgaaaa atgtccaaag gtctttcatc taacttgtca tgttccaaca 360
ctacttagct ttccaaggta ccagtgaat aattgatit tgggtttgat tttcataagc 420
taaaaataaa taacagaaga atgttcaggg cagatggcct tctaaccagt gcatagtatt 480
tctataaaac agggagcctg ttattctttt ggtattagct tccagagaaa ctaacaataa 540
aatatctaag atctaagtag tacattaatg ttaaagagta gatttcatct cctggccttt 600
agtttatatt cagtataagg aaaatagata aaactctaaa ttaatagggg gctaaggta 660
caaaacctgc agtctggttc taattctgta gtaagcttga caattcacta attatcaggg 720
atcagttttt gcatctacaa gtggtanggt ttgnttanc a 761

<210> 156

<211> 737

<212> DNA

<213> Homo sapiens

<400> 156

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ccgctcccg gcagcgctag cattctccag tccctcagtc ccttcccgcg cgggtcgccg 180
cagccgaggg gatgcgcctc attcagaaca tgtgcacat cgccgagtac cccgcgccgg 240
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ctgcagccc accgctctcc gtccccgcgc agggagccgc tgcccttgg gagggtgctt 480
agccgttgtc tacgccccc gcctgtctcc acagacgggg gaaacaagga tcaagaatgg 540
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ctctggcaat gcctggcaca gaaaggggag ttagtgaagc tagccccctt gggaggctt 660
gaaggttagg aagacatggg tctactggaa ggcttangt tggnntaanc cgggcttaaa 720
aggaaggggt ggcccca 737

<210> 157

<211> 680

<212> DNA

<213> Homo sapiens

<400> 157

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gacaccctct ccgcgatgac tgtgagtggt ccaggggaccc ccgagccccc gccggccacc 60
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gactacgggg gcgccttgcc ggcctacact caggccctgg gtctggacgc gacgccccag 180
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cccagagaca catctgcctt ctttctttcc cactgcctcg ggcctttcct tttctgcagc 420
taccctcacc ttttctgagg ctgaagcacc gagccccaca ttcgtccccc ccaccttctt 480
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gctgacagcg ctctgtttg tgctcagcca ttgaaaagga tgggtgggat gtcaaagcac 600
tctaccggcg gagccaagcc ctaganaact gggccgncgt gccaaagctgt cttgacctgc 660
anagatgtgt gagctttgga 680

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<210> 158

<211> 765

<212> DNA

<213> Homo sapiens

<400> 158

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agaggagac ccgcggcaac cccggcaacc cagggtcgg cgtcgtgcc accatgacgg 60
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ccccgccga gcgcattgtc aacagcaatg gggagctgta ccatgagcac tgcttcgtgt 180

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gtgcccagtg cttccggccc ttccccgagg ggctcttcta tgagtttgaa ggccggaagt 240
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tcattggccg cgtcatcaag gccaaagtgt agaagccatt cctggggcac cggcactatg 360
agaagaaggg cctggcctac tgcgagactc actacaacca gctcttcggg gacgtctgct 420
acaactgcag ccatgtgatt gaaggcgtat tgggtgcggc cctcaacaag gcctgggtgtg 480
tgagctgctt ctctgtctcc acctgcaaca gcaagctcac cctgaagaac aagtttgttg 540
agttcgacat gaagcccgtg tgtaagaggt gctacgagaa gttcccgtg gagctgaaga 600
agcggctgaa gaagctgtcg gagctgacct cccgcaaggc ccagcccaag gccacagacc 660
tcaactctgc tgaagccctc ttgcgcagct gcctctcggc cccttcgctt ctnccttcc 720
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<210> 159

<211> 879

<212> DNA

<213> Homo sapiens

<400> 159

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gctgagatct aagggtgaagt ctataaagat taaagttccc ttttttctga tgttcaagtt 180
gattgttgtt cagtatggca tatatgacaa aagtatattt gagtcaaatg tggctttcta 240
aaatggatgc aacatgtaga tccatacaag ttggggtagg atatacccaa gcgtgtatat 300
atttgctcag catgtgaaat aataaaaata atacaaaact actcattctt caaggtagtt 360
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acagatagag ttatgatct atattctacc aaatattagc aaaaccaatg caatacgtgt 660
ctggctttgc aatataaagt aagcttgggtg attatattta agtggagttta cttgaaatan 720

gtcatttagt ttacatacag ttttaattctc atgccacaat taataaggna tcacatgact 780
gcaaaatccc tgcancaaac ttctagctct gatattggta agatacttgg ctgaagtgga 840
nataactggc tgtgctgcac ttaagctgtc tgaggtgng 879

<210> 160

<211> 779

<212> DNA

<213> Homo sapiens

<400> 160

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tgactaggag ttccacatgt ttgtgaggtc ctaactaatt ctcttaccga gatgccacct 180
ccatgaatga tgggtgcttta ggcttctgga atatgtaaaa acagcaaagg gaaccaagtc 240
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ctttgtaaag accaccagta ctaaaataac tggacactca ttgtacctcc cagcgataag 360
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aatatattca aggtgttggga acaggatagg cagctgtgac tccctcaaga gtccttagaa 480
ttctaaataa aatgcagagc catcctaaga cacaggggtg tggacaaggc ctggtgacac 540
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tccaaccact atttcatttt ctgnagtttt acctgtgtgc aattactccc cctncattct 720
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<210> 161

<211> 691

<212> DNA

<213> Homo sapiens

<400> 161

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 ttccaattag aattattttc agccaaaatta tcatttaagt gtgagagtaa aataaagaca 180
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 ccattctcca gcctcagcct cccaagtagc cgggactaca ggcgcccacc accatgcctg 360
 actaattttt ttctatttt tagtagagac agggtttcac cgtgttagcc aggatggtct 420
 caatctctcg acctcgtgat ctgcctgcct cggcctccca aagtgttagg attacaggtg 480
 tgagccaccg cgcccgccg ataattgttt gttttaaggc attaatattg tggtagatac 540
 aaaagtaatt tgtgtgtaca tacatgcata tatacntata tatgtacaca cacatatatt 600
 tggtaaacct acacacagtg tttattttat tatttcgata aaactattat tcacagctga 660
 gccttnggtt gcactggaat agnncttttc g 691

<210> 162

<211> 661

<212> DNA

<213> Homo sapiens

<400> 162

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 ggagcttttg agcaggactt catttgcct tcccttggc ttctcctcat cactacttgg 180
 ccttctctac agactgatgg ctaccatcca acaaaggacg ttccaatggg tgcgtgaaaag 240
 ctgtgtaact cttaagacc agacctcaaa gttacacagt gttacatttt tccaataaaa 300
 caattaaata aaaaaattaa ttttatggat acataatagt tgtgcctttt atgcgataca 360
 tgtgataaat tctatttaga tattttaccc atttttaac agatctattt gctattgagt 420
 tgtttgagtt ccttatatat tttgattatg aatcttttgt cagggtgaaga gtttgcaaat 480
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aatttggtga gttgtgaga tgagattata gtcaaatagg taaatctacc tncgtntaac 600
tactcaataa tataatttat ttattcaaaa aatggtaatt gctgggntga agatatagat 660
g 661

<210> 163

<211> 741

<212> DNA

<213> Homo sapiens

<400> 163

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ttaatctgaa gttttcaagc tctgaaattc ataatccgca gtgtcagatt acgtagagga 180
agatcttaca acattccatg tcaaactctgt taccatttat tggcatttag ttttcattta 240
agaattgaac ataattattt ttattgtagc tatatagcat gtcagattaa atcatttaca 300
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gccttttagca tagttttaag catcatTTTT ttttttttt tttgaaagtg tgttancatc 660
ttggtactca aaggataaga ccgaccataa tacttcactg aatattaata atctttacta 720
gnttacctcc tctgntcttt g 741

<210> 164

<211> 781

<212> DNA

<213> Homo sapiens

<400> 164

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 aactttgggc aaaccgcttg gtctctcaag cctaagggtt ttcagctata aaatgggaat 120
 aatacttcac taactacctc acagagttgt ggtaagaata taatcagata actggataaa 180
 aacactatat aaactggaaa gcgccgtaca aatgtgagag atcagtttta ttatcaaadc 240
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 cttttggagt atgggtaatt gaggccttggg tgtgtcatca gggactggag ttatttcagc 360
 tcccaigttag aggtgggaga ggtggttgat ggggcagtgg aagttagata ccagcgatgt 420
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 ggtctggagc gctactgccc tctgtcatt gctgtgggtg ggagaggcta agactacagg 600
 tttgactgga ggcctangag agaagagtgc cttagggttt caagaatttt aatgcctagc 660
 agctgagtaa caggcattag tctgatagat agtgaaggag gagaaagtgc ccttgnrtgt 720
 agancacctt ttcanggcaa caactggctt ggtatcacca gcaaccctta accctgggca 780
 g 781

<210> 165

<211> 734

<212> DNA

<213> Homo sapiens

<400> 165

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 ttcttcagcc ctctatactt tttcataaaa gtcaccagtg actgcccagt tgccaaatag 120
 aatgaatacc tttcagtgt cagctgtctt gacctctccg cagcatttca caccacccac 180
 caaccctcag tgaaacaacc tcttccctta gcttttatga caccacaagt ctctggattc 240
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ctatttcctg agtcccttcc ttttctgaa ctcagttctc ctcattgcaa ccatgtttat 480
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 agaggtttta gcctgtttgc taagagaccc catctaagtc agcccaaggg tgtggattag 600
 gttttacagc atccaggccg cagtctggct aaactggatt accaggctgg tgggcagctc 660
 ctnaccatga tctgcacca gtttagacct gctgtagttg ggaaggacct gggattgtgg 720
 naagatgtgn ttcg 734

<210> 166

<211> 738

<212> DNA

<213> Homo sapiens

<400> 166

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 aggttcctgg atgtggatgt catcatttct gggaacactc ttaaatggag actcagattt 180
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 atatttagggt ttaaccaacc agagcagaag atacaacaga aaggacctgc tgagttaaat 660
 ggagatggag cttttctnca tgataatcat gaacaaatgc ctacngaaat tgaattncct 720
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<210> 167

<211> 575

<212> DNA

<213> Homo sapiens

<400> 167

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ctcactcact cactcattca ttctgtccca cacacactaa gcagacatgt gcccagcacc  120
tcctttgtgc caggcccat ctggatgtcc atgccaggag agaggcaggc agacctgggc  180
ctcccaggat ggaggacgga cgaagaccac tgagcatgat gagaggggaa aagctgaaat  240
gtgagtggga agctcctgct caccacggca gccccctggc tagcacggcc tggcagagtc  300
catatggaag gaaggaacca ggttctatgg gatcatagag gagcggacgt gatgcagcct  360
ggaaaaggcg ccctggagct gagggtaggg atgccaatag gcattagcca ggctgtgggt  420
gggagggtgg gagaggggat ccctgcaaga ggcaccaagg cacaaaaagc agcttccttg  480
aggggaggtt cggaggcttc tgagcatcct atgaaatccc atagtgttg ccttgatct  540
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<210> 168

<211> 868

<212> DNA

<213> Homo sapiens

<400> 168

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agccactgaa aaggttttat gtaaattaac attgtaaagc cagtttcaaa ttttattctg  180
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tgtcaacatt cactgtccat ctgggtctaa tttctactgt aaaccaaaga tataaaaagg  420
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<210> 169

<211> 861

<212> DNA

<213> Homo sapiens

<400> 169

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 ggctccgcgc agcccgcgcc gcgggtgggg acccggcgca gcggcacctg ctgccgaggg 180
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 tctctgcgat catcctggaa cacatattac tcaaatacag agttcatcat tcttgttggt 480
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 atgaccttcc ggatttgtgt gagataactt ttttgcttga aagagactgc tctatttatt 780
 ctgngacatg aacatttttt tctaagnacc ctttgctgnt aagcaacaac atgtttaatt 840
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<210> 170

<211> 858

<212> DNA

<213> Homo sapiens

<400> 170

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ctacccgagc ggcggcgcg gcagcagcgg cagcggcaag caccatccta attatctcat 180
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aacagcagta aaggctactga aggagacggg cagattactg caattctgga ccagaagaac 780
tatgtagaag actgaacaga cttttaatg ctactgnaaa caanttcag gcaaagtaga 840
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<210> 171

<211> 692

<212> DNA

<213> Homo sapiens

<400> 171

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 ttttaaagga tgcaacttag gaacagccca aaggaagtga cacacgggac gagggtggg 540
 agtccccatg cccctgggg gagacacctt ctagtgcacc atcccaatga gttcatgacg 600
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<210> 172

<211> 838

<212> DNA

<213> Homo sapiens

<400> 172

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 gtttaacttt atagctaact agcacctgga aaaaatgtat ttgtacaact ttactattgt 180
 atatatgttt ataataatga aaaaataaacc caatggccat attagaatgc aatttcgaca 240
 tacagcttat ctatagattt ttccagagga ttttgaaatt tggcttaact gggaggataa 300
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gcaacatcta atatagttga ctggtatact aataggaaag tgaaagtatt tcatgggtac 660
 tttgtcacag aatgtgaaaa gaaacttggc atantggcct ttataatgag gcatccactt 720
 actcctctga agtgaagtct ggtagcttaa ctigggtata ggTTTTTgn aaggaaatct 780
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<210> 173

<211> 872

<212> DNA

<213> Homo sapiens

<400> 173

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 agtgttattt catagaaacc accccagtct atttatatta ttcaacacat aattttggtt 180
 agagaatttt ttttttttt taaattaggg atgggggtct tgctgtgctg ctgagctgg 240
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 aacgtgttca caacttaagt caattattaa gcagaacttt cccttcatta gacaacctag 720
 taaatttgct ttagctttaa ttatattaga aaggacactc agttgtaaat tagctgnggt 780
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<210> 174

<211> 816

<212> DNA

<213> Homo sapiens

<400> 174

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acaggccctt gcacatacat gcttttccct ctgtacatgt gattttcttt catccccgct 180
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cctgccacct gctggctgtg ctgttttaaa taaattgcag atcctctcag agcctgtttc 600
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attaaataat atatggaaaa gcattttttt aactgnaaaa ccatacataa atatcctttg 720
ncacttttcc cagtgcata cacactgggt cattaaacat ctattgggat gggtgatgg 780
gttgataga tggacnggac nggaattaac aggtta 816
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<210> 175

<211> 834

<212> DNA

<213> Homo sapiens

<400> 175

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gcgaccccg gctccggaca ggcgcggcg gaggcggcgg ctcgaggagg aaggaggcgg 240
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cggcgccggc ggaggtggcg gCggagacgg ccggcgcccg gcgcggagcc ctaggaggagc 300
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 agcaacagat tatctgcacc ttcttatctt gccagaagtc tagcagatgt ccctagagag 660
 tatggttctt ctcagtcatt tgtaacggaa agttagtttt gcttgttgaa aatggagact 720
 ctggttcccg atattattat tcaagacaat tttttttgat ggtcanaaga aagccggcca 780
 ctttgaaga tcgtgcccaa tgaaagacta ccggattntt tantgaaatt ccaa 834

<210> 176

<211> 720

<212> DNA

<213> Homo sapiens

<400> 176

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 ctggccccgg gcccgttctg tgctatggtc ctggctgact tcggggcgcg tgtggtacgc 180
 gtggaccggc ccggctccc ctacgacgtg agccgcttgg gccggggcaa gcgcctcgcta 240
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 gatgtgctgc tggagccctt ccgcccggt gtcattggaga aactccagct gggcccagag 360
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 ggaagcttct gccggttagc tggccagat atcaactatt tggctttgtc aggtgttctc 480
 tcaaaaattg gcagaagtgg tgagaatccg tatgccccgc tgaatctcct ggctgacttt 540
 gctggtggtg gccttatgtg tgcactgggc attataatgg ctctttttga ccgcacacgc 600
 actgacaagg gtcaggtcat tgatgcaaat atggtggaag gaacagcata ttttaagtct 660
 tttctgtgga aaactcagaa aatcgantct gtgggaagca cntngaggac agaacatgtt 720

<210> 177
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 177
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 cagccgcggt aattccagct ccaatagcgt atattaaagt tgctgcagtt aaaaagctcg 180
 tagttggatc ttgggagcgg gcggncgngc ctcgnatacc aacatttaaa atgatggcat 240

<210> 178
 <211> 809
 <212> DNA
 <213> Homo sapiens

<400> 178
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 gataataaga cataccttat tcgtcttcaa aaaccggact ttaaagctac acttttactt 180
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 aatattctaa ggtttcgaac tgatgaggca gatgatgta aatttgctgt tcgtgaacgc 480
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gtggatgaaa aacttgaaac taaagatatt gaaaaagtac ttggttctct gcagaaagcn 720
gaagactata tgaacaaca tcaacttcag tgggaaagg atatacatt cagaaaagag 780
aaatannacc atgcttggga agccgataa 809

<210> 179

<211> 913

<212> DNA

<213> Homo sapiens

<400> 179

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agcagcaacc tcagtcccc cagagactct tggccgtgat cctgtggttt cagctggcgc 180
tgtgtctcgg ccctgcacag ctcacggcg ggttcgatga cttcaagtgt tgtgtgacc 240
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tagcccgatt tactgcca gacggattca agctgaagg cgctacaaag agactgtgtt 360
tgaagcattt taatggaacc ctaggctgga tccaagtga taattccatc tgtgtgcaag 420
aagattgccg tatccctcaa atcgaagatg ctgagattca taacaagaca tatagacatg 480
gagagaagct aatcatcact tgtcatgaag gattcaagat ccggtacccc gacctacaca 540
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gcctgagacc tctagcccc cagcataccc cggctcang gacacggaca caggcccagg 660
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<210> 180

<211> 684

<212> DNA

<213> Homo sapiens

<400> 180

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tgttcccagg ggcctgggccc cagggccatg tcccacccgg ctgcagccaa ggcctcaacc 180
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cctctcggcg ctctctcttt ggggttctgt tcgccatctg cttctcttgt ctggcggtc 480
acgtctttgc cctcaacttc ctggcccgga agaaccacgg gccccggggc tgggtgatct 540
tactgtggc tctgtctgtg accctggtag aggtcatcat caatacagag tggtgatca 600
tcaccctggt tcggggcagt ggcgaggcg gncctcang caacagcanc gcaggctggg 660
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<210> 181

<211> 785

<212> DNA

<213> Homo sapiens

<400> 181

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tatgtctgct gtaatttttt ttatattagg aagtctcagc tatgaaggaa attttacact 180
tcaaaaagct gttcagtggc agaaaaatag ataatgacag attagatcac aatatgctaa 240
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tcitttttaa gtgaaaaaaa aaaagaaacc tgtaattgct ttataaagat tcagtgtgct 360

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tcagcttcac tttgaatata tccacttagt ataatctaac attggttttc ttaataatgg 420
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 caatacagta acatctttag atttctaccg aattgtgaat atgttattag atgaatattt 600
 acctctccat gtgtttctgg cacatatctt caaagcataa ctattatgaa taaaattata 660
 cattataac cactgtgaat agttacgtat ttaattactc agaactgtcc atgagaaata 720
 ctatagaaat tatttaccat gtgngnatt ttatataaat tcattataat tggngaaag 780
 attaa 785

<210> 182

<211> 699

<212> DNA

<213> Homo sapiens

<400> 182

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 cttgagtcaa gaactctaag tcacttttgt aataccgggt tggatgctta aagctgcagc 120
 aaaaagacca gaactttcag ggctttctca atttaataac tatggaatct taccagaaag 180
 tccattaaca tctcaaagaa caacgtgggt attgtatcaa tcaccatcct ttataccagg 240
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 catgcccgaa taatttttgg taattttttg anagatgggg ctgtcttgn tgnctaggct 660
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<210> 183

<211> 613

<212> DNA

<213> Homo sapiens

<400> 183

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cgagcacagn cgn 613
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<210> 184

<211> 682

<212> DNA

<213> Homo sapiens

<400> 184

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tttgacttct gatattatcta ggaactagaa cctctggttg gtgaacagtt gctccagtta 180
tgggaacgtc ttcccttggg agaaaaaac acaactgatt gacactcagg ttataccatc 240
ttgactttga gtattggcag tatttggat cattaggaac ctttcagatt atttatcttt 300
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 aatttttata gtgattatag agaatgatta tatgatgttt gtaatgaata aaatagtagt 540
 ttcattattt ggcaacaatag cagtttattt taaacaaca atttgaagtt aaacatttca 600
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<210> 185

<211> 858

<212> DNA

<213> Homo sapiens

<400> 185

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<210> 186

<211> 805

<212> DNA

<213> Homo sapiens

<400> 186

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tgctctggtc tgtaaaccga gtattgagag aattgagaat naaaccactt cgcagatagc 780
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<210> 187

<211> 805

<212> DNA

<213> Homo sapiens

<400> 187

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actggtttaa aaaacaaaca tcgaaaggct tatgccaaat ggaagataga atataaaata 180
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 acaaaagggg aattctcttt tcctatatat gttccttaca aaaaaaaaaa aaaagaaatc 420
 aagcagatgg cttaaagctg gttataggat tgctcacatt ctttagcat tatgcatgta 480
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 ttccggataa ccttgtaaca tattgaaacc ttttaaggat gccagaatg cattattcca 720
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<210> 188

<211> 866

<212> DNA

<213> Homo sapiens

<400> 188

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<210> 189

<211> 760

<212> DNA

<213> Homo sapiens

<400> 189

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<210> 190

<211> 850

<212> DNA

<213> Homo sapiens

<400> 190

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tcatnncac 850
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<210> 191

<211> 864

<212> DNA

<213> Homo sapiens

<400> 191

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<210> 192

<211> 706

<212> DNA

<213> Homo sapiens

<400> 192

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<210> 193

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<212> DNA

<213> Homo sapiens

<400> 193

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<210> 194

<211> 826

<212> DNA

<213> Homo sapiens

<400> 194

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<210> 195

<211> 737

<212> DNA

<213> Homo sapiens

<400> 195

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caaaaaatga ctcatcctaaa accaattttg gtttttagctg caggcagtgata cataaatgcc 660
cagtgccttac tactccagat ttctggttcc ttcttttaac tctgaagttg atggccttata 720
gnctatagcn aaaacna 737

<210> 196

<211> 824

<212> DNA

<213> Homo sapiens

<400> 196

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<210> 197

<211> 880

<212> DNA

<213> Homo sapiens

<400> 197

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<210> 198

<211> 874

<212> DNA

<213> Homo sapiens

<400> 198

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<210> 199

<211> 877

<212> DNA

<213> Homo sapiens

<400> 199

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aaggagaata atctcaacag actggccaaa ngcatgcaag ccnnggcgcc ctttagtat 780
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<210> 200

<211> 840

<212> DNA

<213> Homo sapiens

<400> 200

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<210> 201

<211> 674

<212> DNA

<213> Homo sapiens

<400> 201

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<210> 202

<211> 691

<212> DNA

<213> Homo sapiens

<400> 202

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<210> 203

<211> 714

<212> DNA

<213> Homo sapiens

<400> 203

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<210> 204

<211> 724

<212> DNA

<213> Homo sapiens

<400> 204

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<211> 853

<212> DNA

<213> Homo sapiens

<400> 205

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 tgaattccct acaaggccct gttgtgaaga agtcctttgc tgggtttaat aacacctatt 780
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<210> 206

<211> 861

<212> DNA

<213> Homo sapiens

<400> 206

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 tacatgctta cacacatgga cacacacacg taccctttac atgcaggtat aaagaataat 180
 attaatacat aatgaccaag tgtgtatccc aggttgggta acattcagaa attggtcaat 240
 ctaattcact acattaataa actgaaaaaa atcacatgat tatctcaata gatacagaag 300
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 ttgagatttt cctcaaaactg ataaggaggaa tccatgaaaa cctacagctg tcatacttaa 420
 tgggtgaaaca gtgaatgctt tgtgcctacg atcaggtaca aatcaaagat gtcttcattc 480
 atgtcttctt tcaccattgt acttgaaaaa gaataaaaaga catccagagt ggaaaggaag 540
 aagtgaact atcttaattc atggacaaca tgaccattgt agaaaaatctg atagaatcta 600
 caaaaaaagc tattagaact agtaaacatc aaaaaattta aaatacatag ggataaatct 660
 ggtataaaga tgtgaaagac ctgtgtgcta aacactgcaa agcattccag agagaaatta 720
 aagaggccta ataaatggag aacacttttg tcatgggttg aagatcctat tcagattcag 780
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<210> 207

<211> 723

<212> DNA

<213> Homo sapiens

<400> 207

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gttggccagg atggtctcga tctcctgacc tcngatccg ccgctttgtc tccaaagagc 660
tgggattaca ggctgagac accgngccct gtccggcctg gtattatcat atgantgata 720
tct 723
    
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<210> 208

<211> 833

<212> DNA

<213> Homo sapiens

<400> 208

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gatccaggtc tgtcttcaga aagcaaaact atctctcaat atacctcaga aacaaagatg 180
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 ttaactattt caaggatagn tttctatfff tctaaggaaa gatttctatc ttttgatttt 720
 ttttttacta agttgnccag taaccacctt ttaaaaiaat cacatttatt tttaatTTTT 780
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<210> 209

<211> 756

<212> DNA

<213> Homo sapiens

<400> 209

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 agcaaaacttg ttaaaccatgg ctaaactgag tatcaaagga ctattgaat ctgctctgag 180
 ctttggccgc actttggatt ctgactatcc ccccttgag caattctttg ttgttatgga 240
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 tgtccgggat ctacctggtc tgaagacccc tctgggtcga gcaagagcgt ggcttcgatt 420
 agccctcatg cagaaaaaaa tggccgatta cttacgttgc ttaattatc agagggatct 480
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agactcacga gttggagtga ttgatttttc tatgtattta aagaatgaag aagatattgg 660
 aaataaagaa aggtatgatt ttcataagnt atttcacata tiggggtttt ttatatagct 720
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<210> 210

<211> 692

<212> DNA

<213> Homo sapiens

<400> 210

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 cgcagttccg ggctgccctg ctagaggcag gcatgccgga atgcacagag gacaagtagc 180
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 cccccggaat caccctctt cccatgcccc tctgtcccca ctgcaaacc actgccctct 300
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 gccgatttcc catttgtcac cccagcagaa tgtccggcac ttgtccctt gctgccctt 480
 ctcaggtcag aggcgggtgt tccaggcct gccgcggggc tctctgggcc ggttccctgc 540
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 gtccctttca accgttttag ttcaacttaa gccttctgt gtccanacc tctgtgcac 660
 caccacccan gnccttccca gtccttcagc gt 692

<210> 211

<211> 815

<212> DNA

<213> Homo sapiens

<400> 211

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tggaagtctg gactgggtgg agctcaacac agtgtggcaa agtggctgca gccagactgc 180
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aaggggttat agataaaact cccatctcac tggaccagcg tatctggggg aaggggcggc 300
tgtgggcaca acttcagcgg actttaaacg ttcctgcctg ctgactctga agagagcagc 360
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cggcatgact ggtagaagaa aaagtacaaa cagaaagcag tacatcatca acataaggaa 720
ccccataca gaaacaccat ncaaagatca aaggtagta aatccataaa gatgaggacc 780
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<210> 212

<211> 808

<212> DNA

<213> Homo sapiens

<400> 212

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gattcaaata ttcatcagc atttacctat gcctaataa aaaaatgatg cagaacttga 120
ttctccacct tcaaagaaaa aaagattagg tttttccag acttatgata cagaatattt 180
aaaagtgtgt ttattatct gtcctggatc aaaagaaagt tcaccaaggc cacagtgtgt 240
catttgttga gagatcttat ccagtaaaa catgaagcca gcaaatcttt ctcatcattt 300
gaagacaaaa cattcagaat tagaaaacaa accagtagat tttttgaac aaaaatcttt 360
agaaatggaa tgtcaaaata gticttttaa aaagtgttta ctagtgtaaa agtcacttgt 420
gaaagcttct tatttaattg ctttccaaac tgctgcaagc aagaagccat tctccattgc 480

tgaagaatta attaaacat atttagtaga aatgtgtica gaagttttgg gttcaagtgc 540
 tggagacaaa atgaaaacta ttccacttic taatgttaca attcaacaca ggattgatga 600
 actatctgca gacattgaag accagctgat tcaaaaggtc agagagtcaa agtggtttgc 660
 ccttcagata gatgagtcac cagaaatctc aaatatcaca cttcttttgg gctatatctg 720
 nttcattgat tatgattggc cngatgtaa aagaagaatt attantttgc attgaaatgc 780
 ctacttcaaa tactgggctt tggaaaaa 808

<210> 213

<211> 703

<212> DNA

<213> Homo sapiens

<400> 213

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 agtatactga ttaatccaat cagtaagggc ctgcggagtg agctgggctc tggagtagat 180
 gtgattcaag acagaaaagc aggagggtac gccactcaga tctcaaggca cttaggatcc 240
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<210> 214

<211> 758

<212> DNA

<213> Homo sapiens

<400> 214

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 tccagcgtct tctggagtaa gtcattcctc ttcagtgcaa acattagggg tcacccaaac 180
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 gggggctgaa tctgagccag agaaaaccca gagccaaatt gcttctgggt tttttacatt 480
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 aagtagttca gctaccactt caaatcttac cttttcaaaa cctgttagta gtagtaattc 600
 attatctgcc tttacccttg ctttgtcaaa ccaaaatgta gaggaagaga agagaggacc 660
 taagtcaata tttggaagtt ctaataatag cttcagtagc ttccctgnat catctgcggn 720
 tttgggcgaa cctttncagg ctagcaaagc aggtgtca 758

<210> 215

<211> 910

<212> DNA

<213> Homo sapiens

<400> 215

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 cctagattgc tggaacttac ggtagttata aatcctttca aatgtctgat accaagagca 240
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 aggagcagaa aagacctcag ggtcactata tacacaacat ggaagaacca gggattagcg 360

ccaaagttag cttgtactg tgcctttat ctctttctac cagacccaac gcagctggct 420
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tctattatcc tctcctccat taggacattg tagttcagct tgactttaga ttagaaacag 540
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caaatggagg gagggtgata tttagttagg gaggttgaacc ttctctgnag agatgcctta 840
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<210> 216

<211> 457

<212> DNA

<213> Homo sapiens

<400> 216

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agattaaatt gttataatcc ggggtgggcat ggtggcttat gcctgtaatc ccagcacttt 180
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taatcccagc tactcgggag gctgagacag aagaatcgct tgaacctggg agatgaaggt 360
tgcagtgagc tgagatcatt ccactgcact ccagcctggg cgacagcgag actctgtctc 420
aaaaaaaaa ggacaaagga aaggaggggg gaggnnn 457

<210> 217

<211> 813

<212> DNA

<213> Homo sapiens

<400> 217

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taattaatta attaaaaaaa aaggccaggc acagtggctc acgcctgtaa tcccagcact 60
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agtgaacccc cgtctctact aaaaatacaa aaaaattagc caggcgtggt ggCgtgcgtc 180
tgtagtcca gctgctgggg aggctgaggc aggagaatgg cgtgaacccg ggaggcggag 240
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caccagcgc acagccctct gacctctgct cacttgcccc agtgtcccca gttgtcctca 480
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gaaagaagaa agagtatctg cangactgg aagctcggct tgcaagcagt actggctgac 720
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<210> 218

<211> 812

<212> DNA

<213> Homo sapiens

<400> 218

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aaattagaac tcaagattaa aaagcccact caaaaccaca caactacatg gaaattgagc 60
aatctgctcc tgaatgaatg actcctgggt aaataatgac attaaggcag aatcaagaa 120
gttctttgaa atcaatgaga acaaagaaac aatgtatcag aacctctggg atgcaggtaa 180
agcagtgtta agaaggaat ttatagcact aaataccac ataaaaatc tagaaagatc 240
tcgaattgac accctaacat cacaactaaa agaactagag aatgaagagc aaacaaatcc 300

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cagagctagc agaagacaag aagtaactaa gctcagagtg gaactgaagg agataagagt 360
catgaaaaac ccttccaaaa aaatcaatgc atcccgtagc tgtttttttt ttaaaatcaa 420
tgaaatagac caccagcgag actaataaag aagaaaagag agaagatttc aaataaacac 480
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ctgcactcat aaacacccta caaagactga accaggaaga agttgaatcc ctgaatagac 660
caataacaagt cctgaaattg agcagtaata aatggcctcc aatcaaaaaa agcccagctc 720
cgatggattt acagctgatt caccagangc acaagaggcc tggaccattt gaacgattcc 780
aacattaaaa ngagagtant cctaccatta tg 812

<210> 219

<211> 769

<212> DNA

<213> Homo sapiens

<400> 219

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agcaaaggta gaattacaac acagtttggg aaatgctaag tagagagtcc cacagtctgg 660
atctgatgat accgattatg taactcanc atttaccctt gagtatggat tggcataact 720
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<210> 220

<211> 695

<212> DNA

<213> Homo sapiens

<400> 220

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gaatccagat aatgaaactg ttggaggatga agtatttgaa aacctggatg gagacctggg 180
taattcaact gagaagcaag aatctgtgca actggcagta agaacagcag aaaaacttct 240
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<210> 221

<211> 706

<212> DNA

<213> Homo sapiens

<400> 221

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gaggcgcccc gcctcccgcc gcgcgcgtc cagatgaagt gtgagcactg cagcgcaag 120
gaatgtagta agaaaacaaa aactgatgac caagagaatg tgcagccga tgcaccgagt 180
    
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ccagcccagg aaaatggaga gaagggagaa ttccacaagt tggctgatgc caagatattt 240
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 ctgctgtcct ggcctgggtcc gatacgccga gcgggtgctg ggtcgnccca tcaactgncca 660
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<210> 222

<211> 817

<212> DNA

<213> Homo sapiens

<400> 222

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 gaggaccggg ggtgggaatc acggcgagacc cagtctgtct gcaacagcgg agcctttgga 660
 ggggtgctcaa ggaaacactg gtagaaatgg anggaccaac tgaaggaaaa ttttgaattc 720
 aaaattgaag agtttgntc tgggttccca taatatgctt gataggagaa gcaacctttg 780

naactggctg ggaaatcgga atacatnttg gaggtct

817

<210> 223

<211> 747

<212> DNA

<213> Homo sapiens

<400> 223

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catacatata cacacgaaca catacctcca tgctgcatat acacacacag gcatacacac 540
actctaattg gtacacanac ncacatgcac ataccacaca tacacacaca cacatgaaca 600
catacctcca tgccacacag acacacacag gcatacacat actctaattg gtcacaacac 660
acatgcacac accacacacg aactcncaca ttcattgccac atatacacac acggnccatac 720
acacatgcag gcacatacac tacacan 747

<210> 224

<211> 857

<212> DNA

<213> Homo sapiens

<400> 224

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 agtagcacat tatttttctt gtacaattga tcagatatta ttgaaatta aagtgtctgt 540
 ccctttcagt cagcgtgttt ctaaaatatg acaactaatg aaatgcata gtaaatgcta 600
 caaactaaag gctataataa gtgtgaacac ttttccagaa tcacaataaa atttttctgg 660
 atatgctgnt gtgtgaaggaa ttctcctagt atatgtgcat ttgaacttca gctaataatt 720
 ctattctctc tgagtttggg aagttatttg aattccccta cttctanggt ttttatttat 780
 acccttaata ttcattggtt ttgnccttcc taaggtatat ttttaaccgat ttattcactc 840
 antggtgggg ttctatt 857

<210> 225

<211> 635

<212> DNA

<213> Homo sapiens

<400> 225

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aggtcattaa tctagtnttt actcttcagc caaaaacaca tatagctgct aatggcaatt 540
ctgattcatc tagagccaaa aactttgatg ttatttance tgcattttgc ctagticttg 600
gcagtcttgn taacatttgg aaatangaaa gctgg 635

<210> 226

<211> 698

<212> DNA

<213> Homo sapiens

<400> 226

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ataatgagag gaggctggtg ctcataaaga agactgactt tacagtaaac cacctcccag 180
gagaactgaa gatggggctt gagctgaggt ggggtctctt ctccactatc ccgagcagca 240
cctgggcccc aggtcttcac ctagacagtc aaggacctca gcctaaacag catccagctc 300
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caaaattcag actttggcta cttgaatctt ggttaatg 698

<210> 227

<211> 819

<212> DNA

<213> Homo sapiens

<400> 227

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 cttctccaaa tgctacagta caaagcccta agcatgagtg gaaaatcggt gcttcagaaa 180
 agacttcaaa taacacttac ttgtgccttg ctgtgctgga tggatatattc tgtgtcattt 240
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 gtttaagctt tgagatgcaa caagatgagc taatcgaaaa gcccatgtct cctatgcagt 360
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 caggaatgtg tgctctgac catatgggtca aaaaggactg aaaaattgtg atggatttga 720
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<210> 228

<211> 816

<212> DNA

<213> Homo sapiens

<400> 228

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 tttatatata taattacagc ttaccatggg ccagtcactc ttttaaagtc cacagcaaat 180
 ttatgaagta ggatatatta ttatcctcat ttgcacatga ggaaactgtg cacaagagac 240
 ttaaatggac tgccaaaaat cctaaagcta gtaagtgccg gtaccagtat tcaaacctag 300
 gcagtctagc tcttaaccgc tatactatat cttccattga aatggacagc tggttatttt 360
 gactaaatat cctaagatat gtttggagg gaattacat cactgacctc ttaaatctcc 420
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 cgagaactgt ggcaaaccac tactcactcg tcacttggct tcagctgctc tgtgcaaagt 720
 tggatccaat ggtatcagat atttaaggnc aggaatggng gcttatgcct ataatcccag 780
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<210> 229

<211> 772

<212> DNA

<213> Homo sapiens

<400> 229

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 ctgctctatg tctcctgctt ttccttgttt tgctaatacat cctccttgag ctccactgtt 180
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 tctactgagt aagattctcc acatttaaga atcaatacag gatttacttg cgaggatagt 480
 gtataaaaat ggaatagttt ttctatttct ggactgaaac caaactcctc atatctaatt 540
 gtagttattc aacattatca gaatccctat ttattttggc agaacagaca aaaggacgtg 600
 gaatgtactt tctgctacag ccgttacagt caactagatt tgagtgtgtc cgcttggaag 660
 ttaattgaat agccaagtta tgggtgcctta cccaagtaga cagtggaaaag gaataatggc 720
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<210> 230

<211> 818

<212> DNA

<213> Homo sapiens

<400> 230

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cttcattttc tcagaggcag gagcaggcca gtggtttcca tactggggct cctctaggag  180
ccacctgaga accaaaccac caatccagca tctccaccc catcatccag atcctcccgga  240
tgccctctca tatgtgggtt ctgtgaccca gaagcctcca taatgaacca caggagaaca  300
ccatgggcca gccaacagtt aggctcttca cataccaaat aaaccaccac aggaaccctt  360
aacctcatct actgcctgat ccaaaccatca ctgctttgaa ctcaatggtc tttcttgagc  420
ctttatgac aatacatagt gcacttttag tccctctgaa gcagattatg ttgtcacaat  480
tatgactcaa cttaatatgt ttcaaccaga aactgttttag gatccaacat acaagagagt  540
caactacatt tcataatatt agcccattta agagtat tcaaagtgtg ttcgttggtat  600
gttaataaggt gatactgttc cagaagttct gtggcaaact aatccaggac tttcagaac  660
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<210> 231

<211> 899

<212> DNA

<213> Homo sapiens

<400> 231

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agaatatatt gatgccagct tcgaggccta cctgcaagag gaattgaaga ttaaacgttc  180
tctcttcaac taccatgaca cgaggatcca tgcctgcctc tactttatig cccctactgg  240
    
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acattcacta aagtccttg atctggtcac catgaaaaag ctggacagta aggtgaacat 300
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 ccgctgaac atggaggact tgcgagagca gactcacacc cgccactatg aattgtaccg 660
 acgctgtaag cttgaagaga tggggttcaa ggacactgac cctgacagca aacccttcag 720
 tcttcaggag acatatgaag caaaaaggaa tgaattcctg ggagaactgc agaagaaaga 780
 agaagaaatg agacaatgtt ggtatgagag tgaaggagaa agaactgact taagaggcan 840
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<210> 232

<211> 846

<212> DNA

<213> Homo sapiens

<400> 232

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 cagtttagac gtgctcttct ctgggaagt tttcatttta ctgtgtgta gatgtgttc 180
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 attaaatgcc aaaaggatat cttcagccca actttgnttt aaccccagca actggatggc 780
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 aaagtn 846

<210> 233

<211> 719

<212> DNA

<213> Homo sapiens

<400> 233

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 aatacagagta ccggacgacg cgcgtcagcc gcgaggggtgg cgttctcaag gtgcacccca 180
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 cgcggaacc agagcgcgcg cgcggaacaac ctatccaag ctgcgtgcg cagcaactgg 660
 acagatccgc agggacatcc ganactttcc ggtctancgc gggctggaca aaagtcata 719

<210> 234

<211> 772

<212> DNA

<213> Homo sapiens

<400> 234

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 ggagttaggt ttcacggtt ccctcgcaact ggaggaggca gcggccgctt cggcagcgac 180
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 canggacaac ccgacttca tgaggaantg aaagtctggg taaaggaaca aaagggtcag 720
 gagattttta tgcaaggctc ttattcctta aatggatccn gantgagagt tt 772

<210> 235

<211> 714

<212> DNA

<213> Homo sapiens

<400> 235

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 atgggcataa atctccacca agtgcctgcca aggccttccca ggCgaggctg ctgaaaagac 120
 cctgtggagg tagagggaca atttgcatg gatgggaatg ggCttgaggg ccgggaagca 180
 gggcatgatg gggcctcatt catcattttc ccgttatccc agcggcgtgc aggggagcag 240
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<210> 236

<211> 636

<212> DNA

<213> Homo sapiens

<400> 236

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<210> 237

<211> 703

<212> DNA

<213> Homo sapiens

<400> 237

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<210> 238

<211> 791

<212> DNA

<213> Homo sapiens

<400> 238

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<210> 239

<211> 797

<212> DNA

<213> Homo sapiens

<400> 239

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cagggccttg gcctcttgtg ctaagagggc anggggccta cgggctattg ctttangggc 660
ccaccacggg caggggcctg ttccagctgc cacgctctat catatggagc gaggtgttgg 720
ggaaggcngg gcaagcaagc ctgttgangc aggggaagga gaagagactg agggcttga 780
cctttctgag gcccacn 797

<210> 240

<211> 771

<212> DNA

<213> Homo sapiens

<400> 240

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agatagatta tagacagctg ttactaagta atactgctcc attagggcag aaacagaaac 180
tttattttta ttaaagtgtg actaatgttt gagtttctat attttgctac agtgataatt 240
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ggaatttgta acttgctcag gtaacattca agttttctgg tttgtgttg tccctacaat 420
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cagtcctaga taattataga atacacatta aaatcagata tttgaatttt ctttaatttg 660
taactatttg gcattgaaag gagatactaa aaaaattata tatcgctag aaagtncatg 720
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<210> 241

<211> 686

<212> DNA

<213> Homo sapiens

<400> 241

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aagatggcct tgccttgggg tctgtctgt ttcataatca tctaaactatg ggacaagggt 180
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gcatgatgca acttctgcaa cttctgctgg ggcttttggg gccaggtggc tacttatttc 360

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 ggcaagctgg ggccgccttc cagggtgttc agctgcctca ggcgctcccc attcagggtgg 540
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 agtgggatcc ctgcctggnt tcttttgatg ngcttgccac angggatttg gctctgatcc 660
 atgtggagat ccaagtgttc ggacat 686

<210> 242

<211> 726

<212> DNA

<213> Homo sapiens

<400> 242

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 accaagatta ccaaccaccc cagcaacaag gtcaagagcg acccgagaa ggcggtggac 180
 cagccgcgcc agctcttctg ggagaagaag ctgagcggcc tgaacgcctt cgacattgct 240
 gaggagctgg tcaagacat ggacctcccc aaggcgctgc aggggtggg acctggctgc 300
 acggatgaga cgctgtgtc ggccatcgcc agcgccctgc aactagcac catgccatc 360
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 cccctgtgca aagccttcac ggtgaccgac gaggacatca ggaagcagga agagctggtg 480
 cagcaggtgc ggaagcggt ggaggaggcg ctgatggccg acatgctggc gcacgtggag 540
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 gaagacgagg aggaggagga ggaggagccc gaccgggacc cggagatgga gcacgtctag 660
 ggacagaagc ctgtccnaga agcccggtgt tgccttgctg gagcccgnct tgcacacccg 720
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<210> 243

<211> 756

<212> DNA

<213> Homo sapiens

<400> 243

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ttcgggtgtc ttttttagcag taccctcactc tcggtacca tttactgtat ttgtctgtta 180
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<210> 244

<211> 820

<212> DNA

<213> Homo sapiens

<400> 244

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ttgggaggct gaggcagggg atcacctgag gtcaggagtt tgagaccagc ctggccaaca 180
tggtgaaacc ccgtctctac taaaaataca aaattagccg ggcatggggg cgcatgcctg 240
taatcccagc tacttgggag gctgaggcag gagaatggct tggaccggg aagcggaggt 300

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 ttggaacct aatgcacaaa gtgatgggta tattggactg atctgtaatt cactgttttc 480
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 ggttatactc agacccttcg accaggttaag taaaggaatt agtaacagag gggttgaggt 600
 ggaaggatgat agagaaaaca atgaaaataa cctgcagaac aacctgtagt cactgtaagt 660
 tgatttggac cattttgtaa catttgggtt ttcagacaga aaacaataca gatcaaatc 720
 ttttgcatta aaaaagtatg natttctgac tataatgngg cactttggcc tttgagtttg 780
 gttgatcact cattgcctta accctgaact ttanagaaag 820

<210> 245

<211> 763

<212> DNA

<213> Homo sapiens

<400> 245

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 ctgttcccat cataggccgg tccttggggc attgggcagg tgggggcttt gtgcctctgt 180
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 gtcagccact gcgcctagaa taagtaggtc aggcctgctc catccattgt ccccgcccc 480
 gcaccctcct cctgagaaga ctgtggctcc tgacacgtct agagaggaag ggccccgggc 540
 tgctgagcga acacagtatg aagattgctt actgatccaa atgtccattt tattgcatgt 600
 ttggtacttt ttttggana tgtaatgaa gattctctta tcacatccat tccctctgac 660
 attagttttg agttaattga gattctttaa gcgttaacct gggaangta agtctttatc 720
 ttncattaga cattttaaat ttaagaatct aagnaaaaca cca 763

<210> 246

<211> 836

<212> DNA

<213> Homo sapiens

<400> 246

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agttgcacaaa gatggtatag ccgaatataa tggaaatagg aaaaattagt cgaataataa 180
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gaagttatata caataaaaag catttacaaa tttaggggat attgtaaccc agtataattt 300
tctgacaggt tggactttga ccctaattga cttactggtg aactttttca aatgttttaa 360
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tgttctcagt actaaaagac attttttagaa ggattttatt ctcaacagat gcaaaatgca 480
aaataaaaata ttgacaaca atacagcaac aaataattta ctatcactca ggattataag 540
gctggtgtta agcagaacag ccattaaatc agcatcaaaa gaacaaatag taaaatccaa 600
agtattaatt acagataact ttccaataat tcatcattca cccttgattt aattatttct 660
ctggcaatta ttaatatagc ttctcggagt ctggttaagtc ttaaaccaag aactccatta 720
ttcctactgg gaaaacttaa catttctcaa gtggaagtaa acatgttgca ctattttata 780
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<210> 247

<211> 680

<212> DNA

<213> Homo sapiens

<400> 247

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agagacccat gcattaatat cattattaat tccatgcatt aatatcatta ttaattctat 60

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 cagctgtcta ctgggtgttc tgagaaaata caaggaagct atagtaatgc agtgtataca 180
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 aaggatccat ggacttgctc ttgggagcag gagagagtaa ttaaaatatt ttaagcagcn 660
 naatgatgca tcagattcag 680

<210> 248

<211> 826

<212> DNA

<213> Homo sapiens

<400> 248

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 tgtctaggct tctgggagga agttcttata ctcttcttcc ttggcattag aaagaagcaa 180
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atggtgaatt catgtttatt ttttttacct tgaaaattgt agtactcang tggtatttaa 720
 tggggaaagg atccttttggg tataaatcat aatgnatittt aaggaaatgca tctattacca 780
 ttgataacct ttaaccttaa aaaaaaangg nctaattaat tccctt 826

<210> 249

<211> 779

<212> DNA

<213> Homo sapiens

<400> 249

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 gaagagctgg tactacattt aatttatctt gtagcatagt gttttctcaa actatgctta 120
 gaagaatact ggttcctcga ggtgttgatt ggtgttgtct ggaaatacaa ggagcttctg 180
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 aaggctgctt tagggtagag gcagctgccca gcagtcttta gaaagtgagt gattttctatt 420
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 tttctagctg ggaagcttgg acagagaagt gttgggtaga agatgaaaaa caatttaatt 720
 tgggacatac ngataaagat ggcaactcat anccagcaac tggtgatact aatgaanca 779

<210> 250

<211> 799

<212> DNA

<213> Homo sapiens

<400> 250

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 gcctgcatgc attcangctt ctcagtgtt ctagacccc gacttcgcaa gagtgangat 720
 gatgggaact ggtcatggga actacttatg gntggacacc atcttctaaa ggctttggcc 780
 tatnaaccga actaaactg 799

<210> 251

<211> 758

<212> DNA

<213> Homo sapiens

<400> 251

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 ctgggtcctt acaaattccg gaattgtgag gagtttgctc ttctaccag tgtccatagc 240
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<210> 252

<211> 786

<212> DNA

<213> Homo sapiens

<400> 252

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 tacacgggcc ggcaaggac tggacaagcc aggatcttgg gaacctcagg tccccgaac 720
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<210> 253

<211> 805

<212> DNA

<213> Homo sapiens

<400> 253

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<210> 254

<211> 749

<212> DNA

<213> Homo sapiens

<400> 254

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ttattatctt gtcacttgcc aaaaatagaa ggtaacttaa aaataaatgc aatcaaacca 180

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aaacgatgcc attacattct agctagagtt gtatcataat atctcacaaa agagattgtg 240
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<210> 255

<211> 790

<212> DNA

<213> Homo sapiens

<400> 255

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 gaaagagccc cagcaccgcc cctcctggaa gaaggaagag gaagtggcag tttttgtctt 240
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cagtcatatg 790

<210> 256

<211> 788

<212> DNA

<213> Homo sapiens

<400> 256

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<210> 257

<211> 800

<212> DNA

<213> Homo sapiens

<400> 257

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<210> 258

<211> 770

<212> DNA

<213> Homo sapiens

<400> 258

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 gctaacgact aatgccaaagc taccctataa gcaggtacca ggtcaatttt ctttctttgg 720
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<210> 259

<211> 763

<212> DNA

<213> Homo sapiens

<400> 259

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 tgcacacttt ctctctctgt gtacgtgtgt gtggttttcc tttcagaaat gggtcatact 180
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<210> 260

<211> 707

<212> DNA

<213> Homo sapiens

<400> 260

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<210> 261

<211> 795

<212> DNA

<213> Homo sapiens

<400> 261

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tccttttctt ctcttgcctc agccttactt gtaattccctc agttcacacc tccatcatgt 420
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<210> 262

<211> 328

<212> DNA

<213> Homo sapiens

<400> 262

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<210> 263

<211> 879

<212> DNA

<213> Homo sapiens

<400> 263

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<210> 264

<211> 693

<212> DNA

<213> Homo sapiens

<400> 264

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<210> 265

<211> 809

<212> DNA

<213> Homo sapiens

<400> 265

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<210> 266

<211> 800

<212> DNA

<213> Homo sapiens

<400> 266

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<210> 267

<211> 829

<212> DNA

<213> Homo sapiens

<400> 267

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<210> 268

<211> 847

<212> DNA

<213> Homo sapiens

<400> 268

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<210> 269

<211> 848

<212> DNA

<213> Homo sapiens

<400> 269

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<210> 270

<211> 831

<212> DNA

<213> Homo sapiens

<400> 270

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<210> 271

<211> 783

<212> DNA

<213> Homo sapiens

<400> 271

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<210> 272

<211> 775

<212> DNA

<213> Homo sapiens

<400> 272

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<210> 273

<211> 783

<212> DNA

<213> Homo sapiens

<400> 273

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783

<210> 274

<211> 800

<212> DNA

<213> Homo sapiens

<400> 274

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caaccactc tgcTgaaatg tcgttatttc ttcaaggccc ggaggaaatg ctaccactct 180
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<210> 275

<211> 865

<212> DNA

<213> Homo sapiens

<400> 275

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gattaggttt tgttctgagt tatttctaga gaaagaaagt attttagtat gtgtaaattg 180
tacaataatt tttttctgt tgtactcact gctaatagtg gattgtatag ggtggtgttt 240
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aagacaatgt ttcagatatg taatggggca aaccactata gatttctggt ggatagaaaa 780
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<210> 276

<211> 775

<212> DNA

<213> Homo sapiens

<400> 276

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ttattctata aaagctttct cccagcattt ctattccttt acattttgtg ccatatacaa 240
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tgaaatgtct taaatcagac ttacctttg tgattctctt ttagctttta atgtcattta 540
agaagaaaaa agaaaagaaa attaagcatg acattcccca atatcctctg ctactgtgt 600
tataatccct atcactccac aagtgaattg gagagagtga agacacaatg aacagaaact 660
tncctgagct tcacaganga gtgtctccgg gaccacacag cttcaccat gtccatctac 720
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<210> 277

<211> 891

<212> DNA

<213> Homo sapiens

<400> 277

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gttgttcacg aactgtaggg gcaggcttcc agaagcccct ttagaaagct ttaccgttt 360
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ttctgctgtg ctgaacagtt tgcagaaaac aaaattgatc ttgataaga taaataaaaa 840
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<210> 278

<211> 813

<212> DNA

<213> Homo sapiens

<400> 278

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cactgtggct ggcatcccc agtgttttgg ataccaatgc ataggactcc atagtaatcg 180
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acgtcatact tggaaatggc tgcaggttca gaaccagaat ccgtagaagc tagccctgtg 300
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 cacagttaca ttggtttgcc ctatgcggac cataattatg gtgctcgtcc tcctccgaca 420
 cctccggctt cccctcctcc atcagtcctt attagcaaaa atgaagtagg catatittacc 480
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 attcctgata catactatg tgaacgttgt cagcctagga atttggataa agagagggca 720
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<210> 279

<211> 842

<212> DNA

<213> Homo sapiens

<400> 279

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 caccctctgt ggctttgcag ggtacagccc cctcatggc tgccttcac atgggctggc 180
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tcgtgaataa cattcatctt cttggatatt aagcaaattc tgcancagga ttgaatttct 780
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<210> 280

<211> 862

<212> DNA

<213> Homo sapiens

<400> 280

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 ttggnntgac atcgtggagt ctgaagtcaa gtgctgtaag gaagctggtg tgtcaattga 780
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<210> 281

<211> 842

<212> DNA

<213> Homo sapiens

<400> 281

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<210> 282

<211> 856

<212> DNA

<213> Homo sapiens

<400> 282

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aaaagctttc tactgctttg cgggtgaaggc aaaatattcg ataactcaac ttaggcccc 180
ctgttcccc 240

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acagaacaaa gttgtaaaag tagcatggat atgttgaaac tttggacaag cttcttgtcc 300
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 tcctggctaa ttttttgnag atataagggc tcatgatatt gnccagctga attgaggtat 840
 ttaagtgant ttcattg 856

<210> 283

<211> 735

<212> DNA

<213> Homo sapiens

<400> 283

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cattgaccgg nttcg 735

<210> 284

<211> 862

<212> DNA

<213> Homo sapiens

<400> 284

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tggggattag ttgctggagg tagnttagag ccngatgcga aggctttcta aactngctt 840
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<210> 285

<211> 839

<212> DNA

<213> Homo sapiens

<400> 285

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 tcttgagagt gacctacaga ataaaagtac ttttaaaata aagtagtcag aggctattca 180
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 gataagatca aaaacaaaac caagcaaaag atgagttcag gggagtttgc catcaagttg 420
 gcaaaactga ctacttagg gaagaaagt ataaaacagg aaaatatgag atgaaccttg 480
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<210> 286

<211> 855

<212> DNA

<213> Homo sapiens

<400> 286

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 tggatgttaa tctttgtaca tataggcagt attttttctg ngaaacttca tattgctgaa 780
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<210> 287

<211> 851

<212> DNA

<213> Homo sapiens

<400> 287

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gagtgggtag ggttagaaac.cccangggaa ttactcaggg ttaaaccctg ncatttatat 840
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<210> 288

<211> 858

<212> DNA

<213> Homo sapiens

<400> 288

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acccccaatt aaaaagcaga ggttttaggc catatacatt taatgtgatt gtcttcttac 300
atgtttttat cagagaaata aaactatgc cttcaagaaa cacaagttaa atacaaagat 360
gcaaacaggt taaaataaaa gaatggaata atatatacca tgcttacgct agtcaagaga 420
aagctagagt agaaatacta atatacaggca aagcatatct cagagttaa cacaacattt 480
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tattatatta tcctgtgaag gaaggctctg tgtctgcaca gtggctcctag gctggctttc 780
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<210> 289

<211> 847

<212> DNA

<213> Homo sapiens

<400> 289

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tcctctggcg tgtgagatac tcagcccagt agagtgttag ggactcataa aggcttgcta 480
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<210> 290

<211> 860

<212> DNA

<213> Homo sapiens

<400> 290

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gaggaagccc aggagaacaa tgagtcagtt ttttttctt tttttctaca ttgcctacat 180
ttaatatctt tttagagagt tttcaaagaa ttgcttatgc aacacctatc ccagtattta 240
tacagaggga gaaattgac attttcagaa agtcctttat ttaggtatgt actacacctg 300

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ggctgactct tatactgatt tctaagttaa ttgtatccta tgcacagatc tcaaaaggac 360
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 nttctctata tagtagcttc ctgtacaaat gtatgtcaca tttatatggt ggaaacttgc 780
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<210> 291

<211> 850

<212> DNA

<213> Homo sapiens

<400> 291

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 accaaaccgt atcagcagta gaaaactgtc tgaggaatgt aattccctga gtgatgtgtt 720

agatgcattt tcaaaagcgc ccacatttcc tagtagcaac tatttcacag caatgtggac 780
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ctgcattaan 850

<210> 292

<211> 113

<212> DNA

<213> Homo sapiens

<400> 292

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<210> 293

<211> 848

<212> DNA

<213> Homo sapiens

<400> 293

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taaaaaggaa cagtaccgtc actgggaaat acaggaagac ttctctgagg aattgatctc 120
tgagttggga ttaaagtga aaaagcactg gaagaacatt ccattttgag ggaatagcat 180
gggaaggctc ccatggaatg aagaaggatg atgtattaga aaaactgaag gaaggggata 240
atgctgagcc aggaaagtaa ggagcctagg cagtgtgaaga tgattccaga gaggcaggca 300
aggggtagac ctacaactat agtataaata actaacttaa atgactatag aacatgataa 360
ttctgaaaac ttctgtaaat agtttttgta attaataatg gataatgcc tacattacaa 420
ttatgtttta gactagaaaa gcatttcccc tcttgataaa gtttcaaact attcagtga 480
gaaacttgaa tctccatatt gtaggggtta tttctctttt gtgattatag ttttcaaatt 540
tcgtattgag tgttgcttac tgaattgagt ttagaatcat cagttatcat aagacttgtg 600

tcattaataa aaatgcagtt tgagtgttc ttaacactag tccaaacatt tagacgtaag 660
 atcaccataa aaaaattcaa taggaataat aaatcagcat cagaggatat gagggatatg 720
 anggcctaag tgggaaatgt gtgtaccaac ttaaaacaaa gagcttgaag atttaaaatt 780
 acttaataa ttaatttcat ttatgtgatg ntagccacca tgatgataat ctgaatgaag 840
 acctccct 848

<210> 294

<211> 781

<212> DNA

<213> Homo sapiens

<400> 294

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 catttttcta gaatccgtgt cttttttggg gaaatacagt ctttgagga ctagaattta 180
 atgatttctt tacacatcta ggattttttg agatttagaa aggatatggc tttattccta 240
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 ccgctgtcac tggaatatca aagttggccc tcagactggt gcctggttcc ttggattggc 720
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<210> 295

<211> 721

<212> DNA

<213> Homo sapiens

<400> 295

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agtccccggc agccgccgcc accccagcgc gccccgatct ggccccctgc cccgcgaaga   180
tggctgccgt acgccggggc cgcagttatt gccgctgcct ggtgcgcttc tccgaccgag   240
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cgccagcatg gcagaagctg aggaagattg tcattctgat actgtcagag cagatgatga   420
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tcagtggatg tttgaacttg ctccagggtg aagctctagc aatttagaaa atcgaccttg   540
canagcagca agaggctctc tccagaaaac atcggcagat accaaaggaa aacaagaaca   600
ggcaaaagaa gaaaaggctc gagaactctt ctaaaaagca gtanaagaag aacaaaatgg   660
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a                                                                    721

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<210> 296

<211> 847

<212> DNA

<213> Homo sapiens

<400> 296

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gccactctcg ctgcgtgata ttgggcatgc catcaaagcg ctctcaaccg aacgtctcgg   180
gtaaaatggg attagtgaag tctaccaagg tagttgtgag gatcaagaga gataacgcgg   240
aaaacgcctc acctggcacg ttatagatcc taaatgccta gctattatta tggagccac   300

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aacctccata ttttacaact gggaacacgg gactcaaaga gattaaaaaa ctaaatgact 360
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<210> 297

<211> 757

<212> DNA

<213> Homo sapiens

<400> 297

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 tctgcaagtt tactactttg actgtaaaaa aaaaaaatga aaaagtagtt gacatctgtc 180
 ctccagaaga gtttgcaggt tgcatatttg tgtgtaaata cacaggctaa aaggtaattt 240
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 agcaccagtt cattcttttg caccttaggg accatctgtc cctgaggtg acctgagaaa 360
 caaccagttg cccacagact gttatttctt caagttagcc aggtttgat ttcactgcct 420
 tatattctat ttttagtgta cagtgttttg attttttgga aaaactaaa tttaaacata 480
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 aagtaaaaca nataaattct atgttctctc attgncaaag agcagtctgc catcatgttg 600
 atataaatgg actatgtaaa gtgacatggt gcttactctc tacctaataa tagcctccct 660
 cctgtttccaa caagataacc aacaggtata ttttaatttac cagntaatat gttttggata 720

attgctgcct tgaatgcta tatgnttata ggnccat

757

<210> 298

<211> 742

<212> DNA

<213> Homo sapiens

<400> 298

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gttgaccttt caggctacag tggctgatga tggtagcagc aggtggcctg aggccatgga 120
cctgagaatg gagcagctac actcacagga ggggcaaaga gacaagagcc ctgccatata 180
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ccgtcagatg atacagtgcc cccaagcac cccacaggac agcgctgcct acatagtac 480
gtgatgttct gatgacaata gtgagaagct ggagagcact gttgacagca tgttaccagc 540
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ctgagcagct ggtgaataat ggaggcagaa ggccacctct tttgggtgag ggagctcact 660
gcttcacagt ggcctttcag ggacagtctt cagctttgca gatcacgang ggcgtncagg 720
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<210> 299

<211> 386

<212> DNA

<213> Homo sapiens

<400> 299

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<210> 300

<211> 880

<212> DNA

<213> Homo sapiens

<400> 300

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<210> 301

<211> 806

<212> DNA

<213> Homo sapiens

<400> 301

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gatcaaaatt ttcttgtgaa tataatgtgc ttatgcgtaa tttaaagctg actgtattaa 180
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<210> 302

<211> 882

<212> DNA

<213> Homo sapiens

<400> 302

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ccttaggata ccctgaaggc cttttaatct tgttcaccaa atgtgtgttc cttgctgaca 180
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<210> 303

<211> 637

<212> DNA

<213> Homo sapiens

<400> 303

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 ggaggtgagg atgatgaagt tgatggcgat gaagaagaag gtcaaagtga ggaggaagag 540

tatgaggtag aacaagatga agatgactct caagaagagg aagaagtcag cctacccaaa 600
ccgaggaaga ccacangtta nattgccagt taaaacn 637

<210> 304

<211> 843

<212> DNA

<213> Homo sapiens

<400> 304

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tcagtaacct gaccaggact gggctttagg aagaaagtcc tctagcatca taaggacag 660
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aacaagatct aggactagga ttcccaaact ttgagcataa gattcccctg aagtgcccaa 780
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<210> 305

<211> 814

<212> DNA

<213> Homo sapiens

<400> 305

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 tcagacttaa atagaagtta caagaatagt acaggagatt tcatgtaccc ttcacccaaa 180
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<210> 306

<211> 834

<212> DNA

<213> Homo sapiens

<400> 306

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 cttgtttaaa actgtcccat caaaaatgga aatccacagt tcccccttca aatgcagcac 300
 tgcaccaccc tgcaaacct caggccagg aaagattact gagcattcct gcgaaccaga 360

tttctgttgt ctctggatag acaagaaaca aaattcattt agtagtggag tggggaatag 420
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 ctcttttggg aagatgcac cagatattgt ggcatctga ttatgctgcc ttcacaaaac 540
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<210> 307

<211> 769

<212> DNA

<213> Homo sapiens

<400> 307

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 gtcatcccta ggcatcctgg agatcctgag agattagcta aggagatgct gttgaaaaga 420
 gctgcagatc tagtgggaagc tctttatggc acaccacaca ataaccagga catcattttg 480
 aagcgagccg cagacattgc tgaagctctc tacagcgtcc ccaggaatcc cagccagctt 540
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 cagcttgggg tcagcatctc agagtcaaca caaggaaata atcaagggtta catccgcaac 660
 acaagcagca tctctncgag gggatactct ttcagcttca cgccttnaac agtctaanta 720
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<210> 308

<211> 567

<212> DNA

<213> Homo sapiens

<400> 308

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caacgattta cctgaacggt tataaagtgc acgttatitc cctaagcact ttgagtatat  180
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gaagagagat cagcaacgtt aactgggtgt caagaaaaca taccgagatt gaagccatcc  420
acttctgcag gaacaccgaa aagaaagctt acaatctgaa ggtgtccgtt cttacactgg  480
tcagaccact gtccttgggg cagctggggn ctttgggacc ctccaccggn ctgccgggtc  540
cgnccgactt ttggctgaga tccgtgtg                                     567

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<210> 309

<211> 748

<212> DNA

<213> Homo sapiens

<400> 309

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agcctgcagc tgcaacagct gatcgagagc ggcgcttgcg tgaaccaggt caccgtggac  180
tccatcacgc cctgtcacgc agccagtctg cagggccagg cgcggtgtgt gcagctgtctg  240
ctggcggctg gggcccagggt ggatgtctgc aacatcgacg gcagcaccac gctctgcgat  300
gcctgcgcct cgggcagcat cgagtgtgtg aagctcttgc tgtcctacgg ggccaaggtc  360

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aaccttcccc tgtacacagc gtcccccttg cagaggcca gtttccccg cctcctgagc 420
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 gcctcatctc cgtcctgggt gatgccacgg ccacgtacta caacagctac agtgtgtcat 660
 agagctggag gcgccccgtc cgttcaagcc ctggcgccc tttccttct ttgtgccctt 720
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<210> 310

<211> 800

<212> DNA

<213> Homo sapiens

<400> 310

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 gcaggctgaa gcagtgatg ggcagggggg acggagttag aaaagagcct ctgagaaggg 180
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 caattggcac cttaacaag aacctctgag cccggaagct tggtagagg aaccttcagg 720
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<210> 311

<211> 577

<212> DNA

<213> Homo sapiens

<400> 311

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aatgacgcag ggggtgtagg cattgtgata ttattcatgt tattctagaa ggatgctact 180
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gtactactac taatgtcaca atgcgtgtac accttgtgat attattagta atattgtggg 480
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<210> 312

<211> 766

<212> DNA

<213> Homo sapiens

<400> 312

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tggcaactac agcggcgccg gcggcgccg cccgaaatgg agctggcccg gaatggggag 180
ggttcgaaga aaacatccag ggcggaggct cagctgtgat tgacatggag aacatggatg 240
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aagtagacgc tgatgcagct gatgcagctg ctgctgaaga ggaggatgga gagttccttg 360

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gcatgaaggc ctttaaggga cagctgagcc ggcagggtgc agatcagatg tggcaggctg 420
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 tcactctggt tgctatccta ctccatggga tgaagacgtc tgacactatt atccgggagg 660
 gcacctgat gggcacagnc attggcacct gcttcggcta ctggctggga gtctcatctt 720
 catttatnnc ttgtactgt gcaacgcca gatcaccatg cttgna 766

<210> 313

<211> 799

<212> DNA

<213> Homo sapiens

<400> 313

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 aatgcaacat cttggaaagt aacgttttaa caccataaaa atttgcactt attcaactga 120
 aaatttacac taaaatagac attaactgtg cttttacatt ccaaacctc atactaaaca 180
 taacaagtta attgccaatg ttttccttc cctatacttt gaggtagttc tacgtaacca 240
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 ctaaggaaaa taatcacttg ttttaagga cagttcttcc aaattcccta caatgtcaga 480
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 cactctcttt tcaaaattat accgtgcccc ttctttgaaa atgagtttca ttttcgaagt 600
 caaaacaagt cctttctctt ccaactggcgg gcccttctgg tccccagatt agcctgttcc 660
 aaaattggtc atgtgtctca ctgggcccct tcagttgacc cagcgtcctc accagctcct 720
 atccatctct atctgctgga aaggctttga ggtttcagat ttangacagc accactcatt 780
 catggnctct nctgcatca 799

<210> 314

<211> 828

<212> DNA

<213> Homo sapiens

<400> 314

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ataactttga taaaatgnta ttatttatta aatctatttt tcagaaacca aaaaacagta 780
aacatgagtc aagatgaatt aaaaggataa gccaattttt aaggncna 828
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<210> 315

<211> 807

<212> DNA

<213> Homo sapiens

<400> 315

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tcaactacgt tggtagcttc gagggttatt gtagcgagg acatgagctg gaggctgatg 180
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 acagccttct gcccaccacc ccctatgata tcaacaaat atccggagct tttccttgc 720
 caccantccc catgtttcag acaccnngt cgctggcacc canaccacca ctcatctgcc 780
 ttggaattcc accttaacca tgcccc 807

<210> 316

<211> 846

<212> DNA

<213> Homo sapiens

<400> 316

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 gtggatccca tggtagatct ggatattcaa gaattaccag ncttaccact ggaggaagag 780
 atgtggagaa ttttgaaaga ctcttttcaa agttaagga atgaaagaca agcttgnacc 840
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<210> 317

<211> 785

<212> DNA

<213> Homo sapiens

<400> 317

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 aataatttcc caactttttt ctccaatta aaaaagaaaa tagcatataa ttaccattct 180
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 tncgtccctc cagtattatt tagcagagga gaaaatenta ttangctgtt ggaactggtt 780
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<210> 318

<211> 682

<212> DNA

<213> Homo sapiens

<400> 318

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tttgccttt tgtaatggg ggttcttcta gagctgtgct atctaataatg atagccacta 180
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aaaaaaaaa aaaannagaa nt 682

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<210> 319

<211> 847

<212> DNA

<213> Homo sapiens

<400> 319

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tgacgcacct gaacgaggcc tctgtgctgc acaacctgcg ccagcgctat gcccgtgga 420
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<210> 320

<211> 851

<212> DNA

<213> Homo sapiens

<400> 320

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 cacgatcttg gcttaccaca acctctgcct cctgggttca agcaattctc ctgcctcagg 180
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 actgactcat ttctggattg gtgtttaaaa atattgattt gcagatgttc acagaacact 780

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aatgagaag t 851

<210> 321

<211> 722

<212> DNA

<213> Homo sapiens

<400> 321

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taacaagact gacatgatgg aaatggcaaa atattaacaa ttatgccagg cgtaactgtt 180
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cn 722

<210> 322

<211> 813

<212> DNA

<213> Homo sapiens

<400> 322

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<210> 323

<211> 836

<212> DNA

<213> Homo sapiens

<400> 323

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 cagctagctn cccaaaagaa tatttgacag gtctaaataa acatattaga aatgcttgcc 780
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<210> 324

<211> 809

<212> DNA

<213> Homo sapiens

<400> 324

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<210> 325

<211> 844

<212> DNA

<213> Homo sapiens

<400> 325

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agtggctcca gtgcccctgc aggccaaccc gtaacaactc agtcccaag ctgaccctta  180
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ctgggggttg aagaactgcc atttccatct cttcagagct ctttcccagg aacccttctt  780
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<210> 326

<211> 831

<212> DNA

<213> Homo sapiens

<400> 326

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 gaaagtaatt tccaaaaaag ggatgcttgg tgggtatatg aaaagggtgc agtatcacta 660
 atcatcangg aaatacatat caaaaccata atggaatatt acctccagct ggtaggatgg 720
 cttttatcaa aaagaccaa aatnacagta ttantgagac tgtggaagaa aaagaacctt 780
 tacaccact gataggaatg natatcagta taggcttatt aaaaacctt t 831

<210> 327

<211> 834

<212> DNA

<213> Homo sapiens

<400> 327

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 taatcttctc tttctactt acggcttgtt aaagagaccg gtaactgggt ctaattgttt 180
 gaaatctgca tgcttaccaa tgatgtcttc atgagttagc tgtaggctaa tggaaaaagg 240
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 attaacaaat attgacacac atataggaat atattaaaaa tccttattaa ggggaacacc 420
 aattagaatc accataaatg atgttttatac atttcatcaa gcaccaagag gccataaatt 480
 atttgatga gattagccac cttaatgatt acatgaaatg accttagata ccaattttgt 540
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ggatattagc tacaactctt ggttatatgt gagagaaact caactccaac tagcaaagaa 660
 ggaaattaat ttattggctt atctaactgc aaagtccaca ctgtagggtt gattccaagc 720
 acagctagat ccagangcta acataatggc atcaggactc tgnctctctc ttccagtccc 780
 ttgcaaggct acttcataa gcnttaatgg attgctcaaa ggcagccctg aagt 834

<210> 328

<211> 796

<212> DNA

<213> Homo sapiens

<400> 328

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 gacctttcct tccaggcggg gagactctgg actgagagtg gctttcaca tgggaaggat 180
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<210> 329

<211> 692

<212> DNA

<213> Homo sapiens

<400> 329

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ccgatagga ggaggagggg acccatagga cgcgttaaca tggacctgga aaacaaagt 180
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ttgtctncca gagangtgaa ggagatggan ca 692
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<210> 330

<211> 743

<212> DNA

<213> Homo sapiens

<400> 330

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taggcagtat agcaagacct catctggaca aaaattttaa aaattagctg ggtatggtgg 180
ttcatgtctg tggctccagc tatgtgggag cattgcttga gctcaaaagg tcgagactgc 240
agtgaagcat gatcctgcc a ctgcacttca gcctgggtga caagagttag accccatctc 300
caaaaaaaca tatatataaa taaaatatgg gccgggcaca gtggctcaag cctgtaatcc 360
caggacttcg tgaggctgaa gtgggagggt catttaaggc cagaagttag ggaccatcct 420
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gggtaacata gcgagaccct gtgtttacaa aaaatttaaa aattagccag gtattttggt 480
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gaggttgaga ctgcagttag ccatcattgt gccactgtac tctagcctgg gcaacgagcg 600
aaactccgtc tcaaaaaaca agaacaacaa caacaaaaaa aaccatatgt aagggttaact 660
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tctngggaaa tgncccttggg aaa 743

<210> 331

<211> 830

<212> DNA

<213> Homo sapiens

<400> 331

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ttcacctgtt gatttagcag gtgccattgt gtagatgcta agcaaacttt aatatgtttc 180
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aaataaagag ttggctagat gatctctaag gtccctttta catctatagg tnccttggg 780
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<210> 332

<211> 891

<212> DNA

<213> Homo sapiens

<400> 332

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gattccctaa caatgtaagc agagttcctt tgtaagtca ttcacagaaa gttttcccta 180
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tcacccatag gggaggatcc taaccagca agcactcctc ttcaaaggcc atcttaaggg 780
gtgccatctt cgtagaaggt gccttcaatt ggccaaccac ttttactggg ntaatgccta 840
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<210> 333

<211> 815

<212> DNA

<213> Homo sapiens

<400> 333

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tgaggggtgt ccgggagctg ctgaagcgtg tggacctcgc gacggtcctcg cggagacatc 180
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<210> 334

<211> 801

<212> DNA

<213> Homo sapiens

<400> 334

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<210> 335

<211> 821

<212> DNA

<213> Homo sapiens

<400> 335

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<210> 336

<211> 688

<212> DNA

<213> Homo sapiens

<400> 336

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<210> 337

<211> 803

<212> DNA

<213> Homo sapiens

<400> 337

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aaagaacaa gaatgcgtga atgaggatga agaaacattt accccatgta ctcaagacat 480
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 gtggagatgg gtgaggagca gcacagagca gcagggatca tcacatgcag ncaaaacttg 720
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<210> 338

<211> 790

<212> DNA

<213> Homo sapiens

<400> 338

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 tttttatccg atatagtgt atttaaaagt tttcctacaa agtgagtta tattgttgcc 180
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 gcatggtcta tgggtagcta tcaaanggtg tacaattat tccagctttt cccaatctaa 780
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<210> 339

<211> 832

<212> DNA

<213> Homo sapiens

<400> 339

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aaatttatat gatgtatgca tatgtgtaca tgggtcaatg ttaattcttt tctctctgtc 720
cagttcattt tctgcaaac catcctnctt tcctaattaa gtaatgncta atgctcatct 780
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<210> 340

<211> 871

<212> DNA

<213> Homo sapiens

<400> 340

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 catcactttc agactgcata tttttttatt catataaagt tctttataat actttatttt 300
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 aacctcaaat gatccatcca ccttgcttgg ccatctaatt cacctgctct cccagtgac 480
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<210> 341

<211> 871

<212> DNA

<213> Homo sapiens

<400> 341

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 tgatccatgg aaacacagtg tggtttagga tggagatcgg atttcactca cctcaaaaata 300
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 aagcaagaga acggttttgt gtttcagagc atgaatacat tccttcagaa atttagccag 480
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tttattaagc cactaatata tgcattgaat tatgctggat ttggggtgac atcagattat 780
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<210> 342

<211> 870

<212> DNA

<213> Homo sapiens

<400> 342

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tncatggttg ctgccccatg tgtatgcctc 870

<210> 343

<211> 869

<212> DNA

<213> Homo sapiens

<400> 343

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aatagatggt ctgtgtaatt agtttccttg gcctcctgca acaacataga aaaaaatggg 180
taacgtaaca tttattctct cacaattcca gaggccagaa gtccaaaatc aagggtgtcag 240
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tattttgngg tataataatc aaatttaaat acctaataca tatattacca ttaaacagga 780
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<210> 344

<211> 861

<212> DNA

<213> Homo sapiens

<400> 344

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 gaactacctt gttcctgtta acttcttgaa ctggctagtt gctcaaaggt atgtatacag 240
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 ctttgtgctt agtatacttt tacttcatat aatgtgatta acaaatgaag tgattatcat 720
 atggagttaa aggaaattag atgtatcttg caattacttt gaaatctttg ggaaacctta 780
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<210> 345

<211> 869

<212> DNA

<213> Homo sapiens

<400> 345

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 gacacttctg caaccacagc tttagaatta gtggctggag aacgactcta caatgttgta 180
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ggtgatgtgt ttgatcctca tgggacattg agtggagggtg ctcgatccca ggcagcttcc 540
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 caactaaaac agcagtggga gatgaaaact gaagaggcag atttattaca aaccaagctc 720
 cagcaaagct catatcaca gcacaagaag aattagatgc ccttaaaaaa accattgagg 780
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 agtattggaa aataaatgaa aatgcngat 869

<210> 346

<211> 813

<212> DNA

<213> Homo sapiens

<400> 346

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 agtaaactac attttcgtgg aatagttagaa ttacgttaaa agagtaccaa ctaagaataa 180
 ttttattgtt catggaagat agggtaaatac tcaatactgc cttatttata catgtactaa 240
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 ggtcgggtgt ggtgatgggt gcctgtagtc ccagctactt gggaggctga ggcaagagga 480
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 tctttagagg gacaagtaat ctattccagc aggtagatct aatctttctt ttcattctaa 720
 gnttatactc taaagnttta ttttgnacaga ctttttacag ggtaccttta gtggttgcca 780
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<210> 347

<211> 817

<212> DNA

<213> Homo sapiens

<400> 347

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aaagattcaa agcagatttc tgcataacag gttaatgtca gaatgagttc accgtgttnc 720
aacgtggagt gccaggatcc atctagtcgg cacagaggan aaagcctggc tgactggcag 780
gtcctgaanc cctgtgtaca ccaaaccaaa ctgagtc 817
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<210> 348

<211> 784

<212> DNA

<213> Homo sapiens

<400> 348

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aggatcgtgg gtacagcccc gacacgcgtg tggccgctt cctcaagggc aagagcatcg 120
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 gttctggcgg ctgcggggtc ttgcgtcgag gagccaagaa gaaccattc aaccggancc 720
 gtgaggacct tttaantttt gaaccgcaca ggggcccgtt acccgnctt acgaaacaa 780
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<210> 349

<211> 712

<212> DNA

<213> Homo sapiens

<400> 349

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 aacccaatga taccagcct tggactggtg cctccccac caccaacaga agtggctgtt 600

gtcaaagaaa taatccactg caaaagctgt actctttttc ctcaaaatcc aaatcttcac 660
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<210> 350

<211> 844

<212> DNA

<213> Homo sapiens

<400> 350

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ttttaaaata aaagacaaac aggaactaat cttttagtaa aaattatatt gttttcatat 180
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<210> 351

<211> 672

<212> DNA

<213> Homo sapiens

<400> 351

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ggtttcttca aagtgttct tctctacca aatccagaag cgaaacaaaa cagaacactc 180
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tganaaaaag tn 672
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<210> 352

<211> 865

<212> DNA

<213> Homo sapiens

<400> 352

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 aatggaaatt agaattctaa ttgaatatig ttttgtctca gcctaaaagt tacngtcagc 720
 attgcaattc acctatttta ggaataatac tcttttcata atatgaaatg cataagcatt 780
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<210> 353

<211> 822

<212> DNA

<213> Homo sapiens

<400> 353

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 aaccagggaa ggtagtttga tttttcattg aattctacaa gctaattattg ttccacgtat 180
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 tgcttncag aggatgggag aagtgtagt aatcacacct cttagtttaa tctgaaatct 720
 tgaccaggtt atttaacaaa taaatacctc attgattata tttaaaagta atcccttctt 780
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<210> 354

<211> 769

<212> DNA

<213> Homo sapiens

<400> 354

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gcggcctcgg gcccgccacg gcgccccacg agtgagccca gcgcgaccgc gggcgctccgc 180
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<210> 355

<211> 714

<212> DNA

<213> Homo sapiens

<400> 355

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gtctcggact tggttgttgc gcgctccggc tccggctgag ctgggagagt tggaggaggt 180

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ggcggcgggc agaggtgatg tctgggagcc cticcttgac agcccgggcc gagaagagtc 240
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 tangggcgcg cggcggcaca ggcttccccg agacggcgac tatcgggacc aggactatcg 660
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<210> 356

<211> 722

<212> DNA

<213> Homo sapiens

<400> 356

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 tgtccacggg gagcttcagc cccggcacac cccagcccgc ccacagctgn ccctnaatgc 660
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<210> 357

<211> 671

<212> DNA

<213> Homo sapiens

<400> 357

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gactacaggc acccaccacc acaccaact aatttttgta ttttggttag agacgggagc 540
tcaccatgtt ggccaggctg gtttgaact cctgacctca agtgatccgc ctgcctnagc 600
ctnccaaagt gctgggatta taggctggag ccactgtgcc caactncttt attgctttta 660
atctctgcat a 671

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<210> 358

<211> 796

<212> DNA

<213> Homo sapiens

<400> 358

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gtttccatcc ctctctgga ggcttttgaa gtcaccggga gacagatgtg ctctgtggca 60
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tgggaccac caggactttt tcctttgtca gaagcctttg gttgctttgc tgctctgcat 180

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gtgtcactgt ggaggggcaa tagagcaagg cttacatgg catggtcatt tctcgggccc 240
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 aaaaggaatc tctattggag atactgccat tagtgttctt tttatagggt aggaactgag 480
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 agagtgttga aggggcagag aaagggatcc agttcctttc tgtcccgcat cctagtcctt 660
 gagaagcaaa gaagaatgtg tggcttcttt tgctttgctt ttggtgcatt ccacacatct 720
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<210> 359

<211> 797

<212> DNA

<213> Homo sapiens

<400> 359

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 tgtcacacaa ccaagggtg tacttgtaca aaaacatcct ggccatcttg tctgtgcaac 180
 aacagaccat ccatgtcttc caggtgactc ctgaaggcac tticattgat gtgcggacca 240
 ttggccgctt ttgctatgag gatgacctgc tcactgtgtc agctgttttc cctgaggtag 300
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 aacaccggtt gctggatatat ttgtggcgcc gggcagaaca ggatggtagt gcaatggcca 420
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 ttctggatga aaaccacctg tttatcaagt aactagtga ggatgtagta aactgcgag 540
 tcacagatcc atcacaggca tctttctttg tgggtgataa tatggtgacg acagaggtag 600
 ttgctgtgtt tgagaatata tcagatgagc ttttgagct ctttgagaac ttctgtgacc 660

tttttcgtaa tgctaccctg cacaagtga agttcaattt ccctgctcag cttctagcaa 720
 caattttgca aggagatcc agcgccngnt caaagaccta ttataaatgc caagttggag 780
 ggacacaga gcantac 797

<210> 360

<211> 850

<212> DNA

<213> Homo sapiens

<400> 360

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 ctttgagaa attagaaact tccctagtagc ttgttatgaa agctcaaaact ctttaaaata 180
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 agagcagacc gaatggctga attccaaccc gattccagga atactgtttg ctgacctgct 420
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 ccaggactat gattctggca ctattttcct ggatgttata caatgtcaaa gggaagggtg 600
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 gtgctgtgta acaaaaatgt atcaacccca agcagagtta aaggccagag ctgggatgct 720
 gtggtangct gaaaaacacc ctggaaaaga tatncatggc ctaatcctgg accattgaat 780
 ggttccttat ntggaaaaaa tgtggggagc ctttgcta atgggattaaat taaggatcct 840
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<210> 361

<211> 770

<212> DNA

<213> Homo sapiens

<400> 361

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 cctacttttg cttcttttaa tctattcaca ccattccatc agaaccacct gagggttttg 180
 tccaaaacac agctccgac cgtcacgac ctcttgcttt aaagccatt agtagctttc 240
 tgntgctctt gtgatagaaa caaaactccc tgatacagcc tacatgggtcc tgcattgtct 300
 ggctcccact tcccittttc atttcttacc aactccttg gcctcigcac tagaggctca 360
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 ctgttttctt ttcctggaat gtgcttcctt ccctatttag ttaactccta gtcctcctt 480
 aatttattat ttgagacggt ctgatctgt caccaggtt ggagagcagt ggcacgatct 540
 tgcctcactg cagcctcggc ttcctgggct caactgatca tctcccacc tcagcctncc 600
 aaagtgtga gattacaggc atgagccacc gtgcccggcc agctcaatga attttgtaa 660
 gcaatcatgg tcatgtagct accactcaat taaaaagta ctggccagggt gtggtgattc 720
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<210> 362

<211> 654

<212> DNA

<213> Homo sapiens

<400> 362

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 ttttagtaga gatgagattt caccatgttg gccaggctgg tcttcaactt ctgatcttag 180
 ctgatccacc tgcctcagcc tcccaaagtg ctgggattat acgcctgagc caccgcaccc 240
 agcctcaaat cataaacitt tttttgtttt ttgagacgaa gtctcactct gttgccagg 300
 ctggagtga gtgacacaat cttggctcac tgcaagctcc gcctcccagg ttcaagcgat 360

tctcctgcct cagcctcccc agtagctggg attacagggtg tgcgccactg cgcctggcta 420
 attttttgta ttccagtag agatgggggtt tcaccatggtt ggccaggctg gtcttgaatt 480
 cctgacctca ggtcatccac ccacctcggc ctcccaaagt gctgggatta cagacatgag 540
 ccactgtgct cagcctcaaa tcataaactt tttaaaggnt tatccctgac cctctaaatt 600
 aggttatgtg ccttgnata tgctcttita gcacttatcc taattngat tggg 654

<210> 363

<211> 743

<212> DNA

<213> Homo sapiens

<400> 363

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 gagtgaaga accgcggcag gggccaagcc tcctcaacta tgacctaac cggccaggat 120
 tccaccacaa ccaggcagcg aagaagtagg cagaaccccc agtcgcccc tcaggactcc 180
 agtgtcactt cgaagcgaag tattaataag ggagccgttc cccgtcttat cccaatcta 240
 gcggaggtaa agaagaaagg caaatgaag aagctcgcc aagcaatgga agaagaccta 300
 atcgtgggac tgcaagggat ggatctgaac cttgaggctg aagcactggc tggcactggc 360
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 ggccctgagc ggctccatgc catcaaggag caactgatcc aggagggcct cctagatcgc 480
 tgCgtgtcct ttcaggcccc gtttctgaa aaggaagagc tgatgttggc tcacagccta 540
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 gcagacacct acgactcagt ttatctgcat ccgaactcat actcctgtgc ctgcctggcc 660
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<210> 364

<211> 717

<212> DNA

<213> Homo sapiens

<400> 364

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cagaagtcgc cacagttggg agacgtgata cccgcagtgc tgcagtcctg cttgccttgt 180
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attaagataa tacaggcttg ttatgaggat taaatgagtt aatatttata atgcacttaa 480
cacttaaaat gttcttgttc ttgttaattg tttttcaaga tgaagtgtgt aactaataaa 540
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tattcaactc aagcctccca gtttcaacct tgtatacaac tgtccagagt ctgtacatgg 660
angcacgcan ccacgtggcc gaaaggaacc cgctgggcan gacaagcacg tgggccg 717

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<210> 365

<211> 787

<212> DNA

<213> Homo sapiens

<400> 365

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aactaaacct ttaacatgg acatcaaagc ttggcataa gcaattcagc atattcctag 120
aaatgtttct aatccataac ctgagagaat gttgatctcc atagtgtgaa aatgacttgg 180
gccagtttaa cttgctcttt tttttatatt ttactaatt ccttttgtt tttctctgat 240
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aaaaatctct agtatccact ggctttctcc agtgtggaag ctttccctc cacctccat 420

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agatcactgg aaaggaccgg aggcctcggg tctaatacct ggcttatcac taactgctgt 480
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gaactgaact tagttgagct ctgagggtccc tgtggacttg gccctccac accctcatta 600
tggcaactgg acataaactt aacagaggac ttcccagcaa aatgtcctct tcttcctaca 660
aacaggctgn ttctatatgt gcatgtttca tgctaagcac ttctttcttg ggtggagatg 720
gcaaangcct ctttctgctg agacaaagtg atttgganag cacctggccc ctgaangggg 780
agtggta 787

<210> 366

<211> 832

<212> DNA

<213> Homo sapiens

<400> 366

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gagcccagga gttcgagacc agccggggca acatggcaaa accctgtctc tactaaaaat 180
acaaaaatta gctgggtgtg gtggtgcatg cctgtagtcc cagctactcg ggaggctgag 240
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ccttctctgc cccattgcct tccaaatatg ctatggagct attttggta ccagttata 720
acgtgaatat ttatacagta gcctcttcan gctttgtaat tticattcca aaaatgcccc 780
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<210> 367

<211> 652

<212> DNA

<213> Homo sapiens

<400> 367

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gcgtgctcga gccctacga tccgtgtgac ggccagcgac gcgtcacata cggcagcgcg 180
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<210> 368

<211> 859

<212> DNA

<213> Homo sapiens

<400> 368

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tggttcagca ctctggacat taatgtgaag gcccagccc tgatgacaaa ggcagtgggtg 180
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 caaggaagt tgtgtccct tgtagaatca caccaccaag tccctgccca caaaatagat 480
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 cccaaggaa cattaggggtg aactgcctac acctggactt atcaagacta gcttancngg 780
 atggtgaaga aaggagcctt tgcatttgac tgggaccctc tagnaaggcat tcatcttttt 840
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<210> 369

<211> 709

<212> DNA

<213> Homo sapiens

<400> 369

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 ggctaccggg gaccttccc caganggacc ggcccggggc cggggagatg aacgnttca 660
 agcaccggaa ggangacaag cccgcgaaag ggcccccg cgccccaa 709

<210> 370

<211> 792

<212> DNA

<213> Homo sapiens

<400> 370

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ttttctgcta tgtcacatcc catccgttag aatcttccgg atactatata tcatagtgtga 180
tggctctctt aattcagcaa ttcatatct aaagagattc ttgaagacac catgttgtac 240
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atittgggac tgatacagat ccacagaggc cacacctaaa attaaattat cgttagtgct 480
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tgctttatac aagaatttta aaaacactgt catatggttt aagtgtagt taatgtcatg 660
cttatgtcat ataacatagc atgttagagt tctctagagg gacagaacta acaggatata 720
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<210> 371

<211> 827

<212> DNA

<213> Homo sapiens

<400> 371

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 caagaataaa tgatctttaa tgtttatgca cctagtaaaa taatttcagt atacatggga 180
 agaaatagac aaattcacaa ttgtggtcag atttcagcac ccttccttca atagataata 240
 gatcaagtag ttggaacc aagaaggcta tagaagactt gaacagtgt atcaaccaca 300
 ttgacttaat tggcgtttat agaagctac tcaacagcaa actgcacact tttccaagc 360
 atagccagaa catttttcaa gatagacat attctgggtg ggaaaaaag tcaattaatt 420
 ctgaaggatt taaatcatc aaagagtgt cactgacat aatggaatta aattagaaag 480
 gaatctggaa aaatatcttg taactgaaca tcacacttcc aaataacca ggggcacatc 540
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 tttggaaatt aaacagtatg ctcttaaata acccatggat caaaggaaaa atctcaagaa 720
 aaaatggtta aatatTTTT aattttaatg gaaaattccg gnttatggaa accntggttg 780
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<210> 372

<211> 894

<212> DNA

<213> Homo sapiens

<400> 372

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<210> 373

<211> 795

<212> DNA

<213> Homo sapiens

<400> 373

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 gtgcagggtg acggcagtcg gaggggctta tttcacttgc ttctcagtgc aacttgatag 180
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 ctccgttttt gctaacgaaa acctgaaaag cttatttgga agcttaaatg ntttatcttt 720
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 cagtcagatg ggcat 795

<210> 374

<211> 725

<212> DNA

<213> Homo sapiens

<400> 374

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gcatgggtggt cagtactttg ggaggagtaa tcccagcact ttgggagggt aaggcaggag  180
gattgcttga gcccaggagt tcaagaccac cttcagcaac aaagtaagac tccatctcta  240
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gctgagacgg gaggatcact tgattccagg agtttaaggc tgcagtgggt tgtgttcgtg  360
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gtgacctgtg atacttctcc tagtagacac tgaatgatga gaagctgggg atcataggaa  540
tagctgtatt ttcaaagt tttttgtaa cgagtgagga acctgatgca tccagctcca  600
gagtaaggnt tatttgccat ggtaacctg gataagtaca ttggtgcctg natttccaag  660
taatttatca ttctgnatt ttagtaaaaca tacatatata cagaaaagtg cacaataan   720
tggaac                                     725
    
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<210> 375

<211> 747

<212> DNA

<213> Homo sapiens

<400> 375

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ggaatatctg catgtaccta cccacattct cctgtatact ctataaatgt ctagattaat  180
taaaatatct catgcatigt aaaagctgtg tacatagttg tattgtttag ggaatcataa  240
    
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gaaaaaaaat ctatatgtgt tcagtacaga cccaaccatt gcaggcctat ctacatcgta 300
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 tgcaggaggc taataactaa gtcagcatct gttcagcttg agggctgaag atgttttgtt 660
 tgaanggtat gtcttcataat ttgcagatat ttagttagaa acattgggtt angaagctag 720
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<210> 376

<211> 820

<212> DNA

<213> Homo sapiens

<400> 376

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 ccccgcccg cgcgggagc ctctgggtg cgtcaccgcc gccccccag acaagatgga 180
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 accaatttat tctccagata tgccttcacg gcttccaatt caagacatat ttgctggact 420
 ggttacaagt attggcactg caatacgata ttggtttcat tatacacttg tggcctttgc 480
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 cgtgagctca ctactgacg tgccattaga tatgtgttca acggaaaatt tgttggcaga 600
 ttgtttgcag gttgttttg tggtagctg cacactgtgt gcattcatca gcctgggtgtg 660
 gttgagagag cagatagtc atgggggagc accaatttgg ttggagcatg ctgccaccg 720
 tcaatgtctg gggcatcacc aaaatgaggc ttcagcagga aggaaatggt gcaanaaaat 780

gttgctgctg atcaagcctg ntaaccacc agctganaac

820

<210> 377

<211> 861

<212> DNA

<213> Homo sapiens

<400> 377

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attccatttt aacccaaaaa tagctttttg ttttctttct taaaacatga ccatgatgca 180
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ttgccaactt gtatttctgc catttagaag gtgctcagtc cctacatcta aaatttgaag 600
ggaaaaggaaa tcttccatat gaatgccact tttcgttatt ttccagacca tcacatctta 660
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atgaaagcag agcaagcatg ttaagagacc cagactgcaa ataacttttg acgggttcag 780
tgtaattcaa agtgagtcac cctgcctcan ttaccgaatg acagctctga tgacagaact 840
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<210> 378

<211> 887

<212> DNA

<213> Homo sapiens

<400> 378

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atgtatatga gcatgacaga gccagccag gactatgtgc cagccagcca gtcctaccct 180
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tcaaggaagt gttttacca tggattgctt tgtacagtca aggcagttct ccattttatt 780
agaaaaatca agntgctaag cacttttaga ccatttgagc tttgggggtc acccaattct 840
gggaagaaat agtcatgctt ctttaataat tttttnaanc cttaag 887

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<210> 379

<211> 862

<212> DNA

<213> Homo sapiens

<400> 379

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tttaatcaac atgcaatatt ttatgtgcct tattaccatg tgtaagaag gtaatatcca 180
cgttacctag ctatttttta cattagccaa aaaaatatgg ttatgtgcaa atattgtgaa 240
gaacatgcat gcaagtatgt tgcttattaa ccaggtttgg tgcagccac acacttataa 300
agctaataat tgctagctat taatattata actttagttc aaatattact gatgtctgtt 360

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cttctaagac tgaatgttaa gattagaatt tagaatttag tacaagtatg tataaatcat 420
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 atctacaatg agcactgagt ctctcttatg atgtggccag ctatcaccct gtgttatcag 600
 caaacctac taatagaaat ttgagagtct aatatcaaac ttactcttcc tatttgnntt 660
 ctctgagccc tgggttagaa gactgatatg aaataagcat tttactata ctgagctatc 720
 cgtatcattt cattatttgt gttgcttaga aattctncac aggnnttcaa aagataaatc 780
 atgccatttg attatcagca ccatttggcc aatcagcacc caaatcaatg gactcttgcc 840
 tggcagccct nttaaaaaaa tn 862

<210> 380

<211> 581

<212> DNA

<213> Homo sapiens

<400> 380

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<210> 381

<211> 673

<212> DNA

<213> Homo sapiens

<400> 381

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tgcattattt ggagtttggg agtcctcagt tatttgttat agcaggggcg ggtttgttct 180
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ctgggttcaa gcaattctcc tgcctcagcc tctgagtag ctgggattac aggcattgtc 600
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<210> 382

<211> 858

<212> DNA

<213> Homo sapiens

<400> 382

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tttcccccta ctgcaaacc tgcctggagg ttctggtctt taggaagtag cacttagcaa 180
gttctggata agcactccag aatttgggat gatttatcct tgttgtttgt ccagctctat 240
cttggacccc agtctgctca attagattca tgccttgttc tttaggacat aagtctctct 300
cttggctatt tttctagta tgctgagaac taggattccc tttcagtgc agagtctctg 360

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cctggaaccc caatcaagag cctaaagttt aactactctc tgagatatta gcctgatgcc 420
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 cgtgcttgta agcattgact ttaatgtctg ggatgatccg ctagagtcca tggnaacctn 780
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<210> 383

<211> 767

<212> DNA

<213> Homo sapiens

<400> 383

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<210> 384

<211> 779

<212> DNA

<213> Homo sapiens

<400> 384

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gatcagatgg ttttaggtgt gtggtcttat ttctgagttc tctattctgt tccattggtc 180
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<210> 385

<211> 715

<212> DNA

<213> Homo sapiens

<400> 385

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<210> 386

<211> 747

<212> DNA

<213> Homo sapiens

<400> 386

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747

<210> 387

<211> 812

<212> DNA

<213> Homo sapiens

<400> 387

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<210> 388

<211> 890

<212> DNA

<213> Homo sapiens

<400> 388

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 ggagtgatta ataccttnca atacttgaa ggaaatcctt ttggccttcc taattggatc 780
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<210> 389

<211> 624

<212> DNA

<213> Homo sapiens

<400> 389

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<210> 390

<211> 590

<212> DNA

<213> Homo sapiens

<400> 390

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<210> 391

<211> 788

<212> DNA

<213> Homo sapiens

<400> 391

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<210> 392

<211> 859

<212> DNA

<213> Homo sapiens

<400> 392

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 aatctccact gattgagtgt ttacttgggt ccaagcacta tgctaagttg ttattattt 480
 tatttaattg ttacagcaat tttgagtatg catctttcac tattttataa gtggaaaaga 540

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<210> 393

<211> 614

<212> DNA

<213> Homo sapiens

<400> 393

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 cactactcag ttaccagct caaggattat acagctcttt tccgggaact caccagagag 180
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<210> 394

<211> 752

<212> DNA

<213> Homo sapiens

<400> 394

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 agcagcccct tcagcccctt gccctgttg ccccaaacct cagggttccc tcttgcatat 180
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 aatatctact gagggacaat cagcaaagcc tcaaaggagt cgtctcaggt agggtaacttg 660
 gcctgtggca ggagagacag aggcacaaac ccaccaccc ataacttccg gtggctgac 720
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<210> 395

<211> 685

<212> DNA

<213> Homo sapiens

<400> 395

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<210> 396

<211> 812

<212> DNA

<213> Homo sapiens

<400> 396

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 cttgaaggca ttcccgaagc ggcagaaaat tcatgctgat gcatcatcaa aagtacttgc 180
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 aaacacccaa gccagccca tctccgatga tgaaccagt atggggaaga aaccagggtt 720
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<210> 397

<211> 815

<212> DNA

<213> Homo sapiens

<400> 397

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ctcccacaaa tgaagttttc tcttctgaat tccttgctgg tactgtcact tatattcttt 180
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<210> 398

<211> 840

<212> DNA

<213> Homo sapiens

<400> 398

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ggagaat tttt ttgagcccag gaggtggagg ctgcagtggg ccataatggc aacactgcgc 300
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<210> 399

<211> 830

<212> DNA

<213> Homo sapiens

<400> 399

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gttttgagcc ttctggagac attgaatttg aggattacac tcagccaatg aagccactgn 780
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<210> 400

<211> 850

<212> DNA

<213> Homo sapiens

<400> 400

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<210> 401

<211> 730

<212> DNA

<213> Homo sapiens

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 gctagaaaca ttttcccaa gcggctccgc aaaatgacca gcctgttccg ccggagcagc 180
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<210> 402

<211> 795

<212> DNA

<213> Homo sapiens

<400> 402

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<210> 403

<211> 853

<212> DNA

<213> Homo sapiens

<400> 403

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<210> 404

<211> 864

<212> DNA

<213> Homo sapiens

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<210> 405

<211> 830

<212> DNA

<213> Homo sapiens

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<211> 848

<212> DNA

<213> Homo sapiens

<400> 406

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<210> 407

<211> 846

<212> DNA

<213> Homo sapiens

<400> 407

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<210> 408

<211> 838

<212> DNA

<213> Homo sapiens

<400> 408

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<210> 409

<211> 844

<212> DNA

<213> Homo sapiens

<400> 409

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<211> 827

<212> DNA

<213> Homo sapiens

<400> 410

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<210> 411

<211> 834

<212> DNA

<213> Homo sapiens

<400> 411

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<210> 412

<211> 833

<212> DNA

<213> Homo sapiens

<400> 412

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<211> 678

<212> DNA

<213> Homo sapiens

<400> 413

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<210> 414

<211> 789

<212> DNA

<213> Homo sapiens

<400> 414

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789

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<211> 284

<212> DNA

<213> Homo sapiens

<400> 415

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<210> 416

<211> 771

<212> DNA

<213> Homo sapiens

<400> 416

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<211> 866

<212> DNA

<213> Homo sapiens

<400> 417

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<210> 418

<211> 797

<212> DNA

<213> Homo sapiens

<400> 418

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<210> 419

<211> 800

<212> DNA

<213> Homo sapiens

<400> 419

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<210> 420

<211> 823

<212> DNA

<213> Homo sapiens

<400> 420

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<210> 421

<211> 832

<212> DNA

<213> Homo sapiens

<400> 421

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<210> 422

<211> 853

<212> DNA

<213> Homo sapiens

<400> 422

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tctgcatctt gaagtttagag tttggccaat ttaggctaca tctggagggg gtgatctcat 180
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gcctatggca ggaggacact gcaagataat atatcaaagg atgagggagt caagagtatt 420
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cctgatttta aggcgtatgg ccttcttngn gttccaagaa aaccttggat gattttgata 780
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<210> 423

<211> 872

<212> DNA

<213> Homo sapiens

<400> 423

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<210> 424

<211> 859

<212> DNA

<213> Homo sapiens

<400> 424

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cagtggagtc cagaaatata tgcagaagat actggcgaat ataccagaga acctggattt 180
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ggcttgatgg agatctctcc atggaagaag ccattcttgn aaaacgtttg gaatcgacac 780

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ttgcttanag gagaaggcc 859

<210> 425

<211> 760

<212> DNA

<213> Homo sapiens

<400> 425

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ttcatatata tctgggctta ggcctcggtg aggggtggga agggcctatg acctctgaag 660
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<210> 426

<211> 877

<212> DNA

<213> Homo sapiens

<400> 426

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 agtttagga gtccatggcc agaaaacttt tgggaggacc ttatcatgtc cttactgta 180
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 actcctaac tcagatgac ctctgcctc ggccttcaa agtgttgaa attagcctgg 780
 ccaatcttg attttaatgg gaaatgtgg ccccaaatg accgaacata ggacattcta 840
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<210> 427

<211> 866

<212> DNA

<213> Homo sapiens

<400> 427

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 agtttttta tttttattt tttttaagct catcaactat cattagtgtg ttttatgtgt 180
 ggcccaagac agttcttcca gtgtggcca gggaagccaa aagattggac accccttata 240
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 gncgtccagt ggaagcttca tgaacaaaag atagnaatta tgccaataaa tggtgaaaga 780
 cttttggata tttatccaat tatttataaa tataanggtt tggaagaat ggccatgntg 840
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<210> 428

<211> 765

<212> DNA

<213> Homo sapiens

<400> 428

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 cttcgcaaca tggtagactg tgcagacctg agcaacccca ccaagtcctt ggaattgtat 180
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 tctattttaat tccgtttttc caatagaata tgtatatatg aaacaataag gagacaacta 420
 cgcattttgt tccattatag tcaggactca tgcgacttct ccattacact cagtttcaca 480
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 atccttgctt ccagccctct gnttttatct tctgncctta atcaagccca tggtgaccat 720
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<210> 429

<211> 848

<212> DNA

<213> Homo sapiens

<400> 429

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gaacatgaac aggttaagag cagattagaa cagaaatcag gagaacttgg gaagaagatc 180
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848

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<210> 430

<211> 832

<212> DNA

<213> Homo sapiens

<400> 430

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<210> 431

<211> 603

<212> DNA

<213> Homo sapiens

<400> 431

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 aggcgagaga ggggaaacct gacattgttt gagcccctgc agtcagctgc catcaaagcc 180
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cta 603

<210> 432

<211> 880

<212> DNA

<213> Homo sapiens

<400> 432

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<210> 433

<211> 840

<212> DNA

<213> Homo sapiens

<400> 433

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<210> 434

<211> 912

<212> DNA

<213> Homo sapiens

<400> 434

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<210> 435

<211> 791

<212> DNA

<213> Homo sapiens

<400> 435

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<210> 436

<211> 751

<212> DNA

<213> Homo sapiens

<400> 436

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gaaaaccagt tattgaatat caagaggagg agttgtttgg taatgggtgc attggttggt 720
taatnattta tttttttaa tgnattgctg a 751

<210> 437

<211> 780

<212> DNA

<213> Homo sapiens

<400> 437

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<210> 438

<211> 872

<212> DNA

<213> Homo sapiens

<400> 438

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<210> 439

<211> 863

<212> DNA

<213> Homo sapiens

<400> 439

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<210> 440

<211> 640

<212> DNA

<213> Homo sapiens

<400> 440

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<210> 441

<211> 823

<212> DNA

<213> Homo sapiens

<400> 441

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 tagaagaggg agcattccga gacagcaact atcttcgact gcttttcttg tcccgtaatc 720
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<210> 442

<211> 852

<212> DNA

<213> Homo sapiens

<400> 442

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 tattatttcc agcttggtga ccttgctata cattcacaga agtttgaact tttctagata 180
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 aatttgtcta ttctagatgt tatgtacaag tgggaattatg tggccttttt agtctggttt 660
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aatgaacact gc 852

<210> 443

<211> 834

<212> DNA

<213> Homo sapiens

<400> 443

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ctttctttca aaccttttaa ttncgacaac atttagctta aggcaaattt tatctttgtt 180
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<210> 444

<211> 634

<212> DNA

<213> Homo sapiens

<400> 444

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<210> 445

<211> 852

<212> DNA

<213> Homo sapiens

<400> 445

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 tctgatgtta gttagctaca gaaagtagaa aatattttta cctttagcca tcctactctt 180
 cttaatgatg ttctttgcat tgagttatta ttcagttgta tctttgcaa catagaaaaa 240
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 gaaaaaaata tttaaagata tttttatact tggcttttgc ttaaaaaatt gatattttcc 360
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 ggtaaggat tc 852

<210> 446

<211> 853

<212> DNA

<213> Homo sapiens

<400> 446

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<210> 447

<211> 851

<212> DNA

<213> Homo sapiens

<400> 447

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<210> 448

<211> 687

<212> DNA

<213> Homo sapiens

<400> 448

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<210> 449

<211> 874

<212> DNA

<213> Homo sapiens

<400> 449

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<210> 450

<211> 746

<212> DNA

<213> Homo sapiens

<400> 450

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<210> 451

<211> 787

<212> DNA

<213> Homo sapiens

<400> 451

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<210> 452

<211> 784

<212> DNA

<213> Homo sapiens

<400> 452

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<210> 453

<211> 851

<212> DNA

<213> Homo sapiens

<400> 453

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<210> 454

<211> 526

<212> DNA

<213> Homo sapiens

<400> 454

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<210> 455

<211> 845

<212> DNA

<213> Homo sapiens

<400> 455

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ttagaaaata cagactctat ggagacagat gaaatcattc ctattttgga aaagcttgca 240
ccttctgagg atgaacttac ttgcttttct aaaacatctc tcttccaat cgatgagaca 300
aatccagatt tggaagagaa aatggaaagt tcttttggtt caccatctaa acaagaaagt 360

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agtgagagtt tgccaaaaga agcctttctg gtcctctctg atgaagagga tatttcgggt 420
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 gaagtanagc accatacact gagatacagc ttaagttagt acataattga ctgagattgt 780
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<210> 456

<211> 794

<212> DNA

<213> Homo sapiens

<400> 456

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 ctgaggcgga gaggttacca ggtgacaggg gtgtttatga agaactggga ctactggat 180
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 ttagacatcc ctttccatca agtgtcctac gtaaaggagt attggaatga tgtgttcagt 300
 gactttttga atgagtatga aaaaggaagg actcccaatc ctgacatagt ttgcaacaag 360
 cacatcaaat ttagttgctt ttttcattat gctgtggata atcttggggc agatgccatt 420
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 gtttcacgg gaagaggaat tttgaacatt tccttcttca gtatctgcag cctngacctg 720
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794

<210> 457

<211> 846

<212> DNA

<213> Homo sapiens

<400> 457

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acatggaatc agtttatcaa agtacagttt acaggtttta agtctgttcc atttctggtt 180
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aaaaaaactg ttacatttct ttcttctaatt ttttgagcct aaaaaccatt ttttataaac 360
gtggtttcat tgttctgaca tcttaggtgt ggcagttctc tgcctcaaga aaatttgtaa 420
aatttatatt ttagatttta gcataatttc tgaaacaaac aataacaact acttaccagt 480
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ccactgaaaa taaaatttct atttgaaagt ttcataagt taattgacta acggtgagtc 660
ctccccagc tgttactggt atttcaatgt ttaagaaatt atttatttta cactaaatag 720
tctcaacaat tcctatctt atactggcag gcaggaaact gnagangttg tatcaactgc 780
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ggtcaa 846
    
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<210> 458

<211> 425

<212> DNA

<213> Homo sapiens

<400> 458

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 gcgccccggc ctgggtctgg ctccgtccat gcagccattc ctggcagagt agtcaccgag 360
 aagctacagt tgatcagaag cgtcttggct tggaccctgg tgcttcgnan ggggcccga 420
 catnt 425

<210> 459

<211> 868

<212> DNA

<213> Homo sapiens

<400> 459

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 ataatgagaa attttaatcc ttgttatatt taaccatttt gttcattcaa tgctgttata 180
 cattcccttt gttgtgggtt gaatctagga aaagggtctt gtccaatata attaaggatc 240
 tcaagatgaa gcatcctgta tcgtcacggg tacgtcctaa atccaatgac aagtgttctt 300
 ataaaagaca agagaaggca caaagacaaa gaaaaagcca cgtgaaacac aatagaaggc 360
 ataaataaaa agccacgtga aagcaaaggc agaaactaga gcaatgcagc tacaaaagaat 420
 gctgacagct accaaaagct gaaaaagaca agaaaccatt ctctctctt gtcttcagag 480
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 tggtttgctt tatatttatg ttggacagca ttctcttaga tcctacaacc aattcacaga 660
 aaacacaggg ctgaggaacc agttaaacct caccagggaa tacagttcac aaaatttagc 720
 ccatgggaaa ttccacagag taaactatct aatctncaca aataaattga aatggaagcc 780

ttctatggat gaaaagagac ttagacntat caaccagtca caaccagnntt tggaaccctg 840
attaaaaacca aaatggtaaa aaaaaaac 868

<210> 460

<211> 819.

<212> DNA

<213> Homo sapiens

<400> 460

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ccactacatt gagaattact ggtctaacat aaaagtgtc aagatgttga aacaagtac 180
accttgtgcc gttgatttcc ttccttttc cagagctgtg ttggtggtgt atctcaaact 240
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gtatttttag tagagacagt gtttcgcat gttggccang ctggtctcga actccggacc 720
tcangcagc cacctgcctc ggcgtcccaa agtgcctggga ttacaggcat gagccaccgt 780
gcccgggcta ttattattaa gcttancctt tgactactg 819

<210> 461

<211> 415

<212> DNA

<213> Homo sapiens

<400> 461

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ctttcagtag attttcatcc ttttatatcc acattcttat gtggacttgc tgaagaaaca 180
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actttgggaa gccaaaggcgg tcaggagttt gagaccagcc tgaccaacat gatgaaaccc 300
tgtctctact aaaaatacaa aaattagcct ggcggtggtg cacgcatctg taatcccaac 360
tactcaggac gctgaggcag gagagtcgct tgaaccang aggcgganat tgcan 415

<210> 462

<211> 856

<212> DNA

<213> Homo sapiens

<400> 462

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agagtcacca cccccagccc acagatgtca cttctgcctt tccattatta ctcagttttc 120
tgaatgccag ttgcttctag catagtcctt gctctagaga ggcactcagg aaccaaggcc 180
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cctgctgtcg tgacagccctc tctttggggc cagcttctgc ttttgccccc atctttgcag 360
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gcggccaggc acggtggctc acacctgtaa cccaccact ttgggaggcc aaggcangtg 720
gatcattga ggtcaggagt ttgagaccag cctggccaac atggtgaaac cccgtctcta 780
ctaaaaatag aaaaattaac ccgtgtgtgt ggccggcgcc tgtaatccaa ctgctctgga 840

ntctgangca aaanaa

856

<210> 463

<211> 827

<212> DNA

<213> Homo sapiens

<400> 463

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cagatgaagt tagaagcagc tggggggcct tcagctttaa actttgacag tcccagtagt  180
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cagaagcccc ttctcattca gagagatgac cctgcactgg ccacatacta tgggtccctg  300
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gatgatgtcg aggttttcat cctgcanctg gagggagaga aacactggcg cctctaccac  660
cccactgtgc ccttggcacg agagtacagc gtggaggccg aggaaaggat cggcaggccc  720
ggtgcatgag tttatgtga aacccggtga tttgttgnac ttinccagag gaaccattca  780
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<210> 464

<211> 863

<212> DNA

<213> Homo sapiens

<400> 464

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 tccttactgt tcaagaaatg gctggattga ataacaagac aattggatat gagggaaattc 180
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 ccatgcctgc tccttacagg agggtagaag cacctgttgc ctaccagaa ggggagaaca 420
 gccatgataa atcgagttct gagagaagta caccaccata ctttttccca gaataccag 480
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 cagaagaatc taacagaggt agcacaacca taaacaaaga agaagtcaac aaggacatt 660
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 tcccttttaa cagagangac ttgctgagag acgaaaagca gttgaatcct ggaacccaat 780
 gccttattct gnggcctctg ctgcaatccc tgctgagcca ttggggagaa agcaagagct 840
 ttgaggagac caaagtcata atc 863

<210> 465

<211> 858

<212> DNA

<213> Homo sapiens

<400> 465

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 tggagaggct gcagaaagag ctgaacacgt gtcgagactt gcacaccgag ctcaaagcca 180
 aactggccga caccaatgaa ctgaagatta aaactttgga acagactaaa gccattgaag 240
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 ccagaaacat gatagaagtg gtaaccagtg aatgaagac actaaaaaaa tctctggaag 420

aagcagaaaa gagagaaaag cagctggcag acttcaggga ggtggtgtcg cagatgctag 480
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 agatttgatc agttggtgaa tattttatgc ttgatgata tagtgagaat gcatcacttg 780
 caaaaacgat ctcaaaagtg tcagccttag ataacgttca catttaaaac gcctattatt 840
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<210> 466

<211> 590

<212> DNA

<213> Homo sapiens

<400> 466

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 caaacgtcgt ccgaggtcgc cttccaggcc ttggcacctc tgccccaggg ttgctggggt 180
 cggctgctgg aacggaaatc tctttatcat ccgtgagaaa agttnnagag gaagtgggtt 240
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 gaagtctctt ttccccagaa ccagcangtc atgccagcac ctgacagatg cctgtggcgc 480
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<210> 467

<211> 800

<212> DNA

<213> Homo sapiens

<400> 467

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ttttccccc tgccitttcc ggaatgcaga cttagaggag agaggctgcg ccctggccca 180
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<210> 468

<211> 696

<212> DNA

<213> Homo sapiens

<400> 468

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agcctctttt tttaaagtgt cagagcccta taaaatattg ttaataaata attttaacat 180
aaaaagaggt acagatttac agatgtacat gcagtataaa atgataacct caagcatacc 240
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 actactgtct caaatggag cctgtaggcc actggngttt tataaggcac ttgattggag 480
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 gcacttaatt gccccttcaa ggccttattc agatggccct tattggagct gnttctgaat 660
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<210> 469

<211> 869

<212> DNA

<213> Homo sapiens

<400> 469

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 caactgggag caatgactng cgccctgtaa tcccagcact ttgggaaggc tgantanggg 840
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<210> 470

<211> 822

<212> DNA

<213> Homo sapiens

<400> 470

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aaattgagtg acacctttta ggctacagta ctgtattttt taacatcttt tctgttgggg  180
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tgccagtaaa cagcatgtag ctgattcttc tagtcctcgn ctgcattcct acaattnctg  780
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<210> 471

<211> 798

<212> DNA

<213> Homo sapiens

<400> 471

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 gacgtgaac ttgccacttg agcccccaag ggactgtgcc gaactgcaat ggagtttcag 720
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<210> 472

<211> 862

<212> DNA

<213> Homo sapiens

<400> 472

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 gttaaagctt atcttccttg ccagatttta aaaactatta tggaaaatct caagcattca 300
 caaaagtaga gagaagaaa ggactctcag actgttggag cagaactact gagaaaaacc 360
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 gctttcttgc ctgcagttaa gcagagagat agatattatt cacgtaataa aaaacatggg 480
 ctccaacctg actttccacc tttcctacaa attccgatta ctgttgctgt tgactttgtg 540

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 tctgactaat gaagcatcca cgaagaagg tgaacttgac aactgccctt ctngtctcc 720
 ttacctcaga ggccagagca agctcatttt caaaccagat ctacttttg aagaagtcag 780
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<210> 473

<211> 811

<212> DNA

<213> Homo sapiens

<400> 473

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 gggctctccc cgagaggcgg tggcggggc gactgcagcc ctggagccca ggaagccga 360
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 tacgattaca tcagtgagcc ggcgacgct cagtgagagg gagaccggca cttcttncgg 720
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<210> 474

<211> 866

<212> DNA

<213> Homo sapiens

<400> 474

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atgtgattta aaagtaagat gatttgaag agaggagcag gtgatgaagt gtaatcaaga 360
tcggcctagg atgacagagg aagcgctttt taggtgggtg acatgtgagc agaaagacct 420
gcctgaagag aaggataaaa ccagcaaagg cctgggggaa gcattttaga cagagagaca 480
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acccaccctt atgcacacat ncaagcagtg tgataagttc tgtccattct acatacttga 720
tatctctcag atctcctctt tccactact ttaacaggca ccatcatctt ttggcttatg 780
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aatgccaaac ttggatagnt ctaatt 866

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<210> 475

<211> 864

<212> DNA

<213> Homo sapiens

<400> 475

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taaaaaagaa aatctggaca atagatgtgg actccaaggg gccactgccca tcccttcctg 180
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 cctgaggcaa ttcttattag agcttactca ggacttttca aacatcagga cacacatagc 300
 aatttggatg ttgtaaaact acgtgttaca ttggagagg tcttgttgag aaggcaaaat 360
 ttctaaata ttttgatata aatttgggta aagaaaggaa tacttttgtt agaattgagaa 420
 ttaaagagaa aacaaaagaa tcttggcaaa attttccctc tgaaattaca aacttttagga 480
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<210> 476

<211> 861

<212> DNA

<213> Homo sapiens

<400> 476

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 gaactggtat tgatttcaact gaaaattttc cacaccacca ccattgtttt ttggaattct 180
 tgggtttgtg ctcccaactt tctgtccttt tcgtttgttt agagaagatg aattttttaa 240
 aagcagataa attgctaata agcaataatg acctatctt taccaaaaca ctgaaaatta 300
 agagagggtc agtgttgaag aagcacaata tgctgcggtg tctttttcta gaagtgaatg 360
 gaaatcttgc tcagttggca tttcaagcag gaaatgaaat gcttgcctta atggcaaagc 420
 agcgttaaca ttttctctgt cgtgtagcag agagtacaag aatcatttca gcaaagcagt 480
 gactcacat gagacgttat ctccatggag ctgcgttttg acttttccca ctctcttact 540

catagaagga ggacaaagga acgaaatgaa atcatgctca caatgaactg ttcattacat 600
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 aaataaaatt atgtttgcac catagcttcc taagaaaaaa aaatgtgttt ttaactgagt 780
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 ggatcatgtt cattgcctta c 861

<210> 477

<211> 866

<212> DNA

<213> Homo sapiens

<400> 477

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 tcaggctgaa tggagagaag aagtgaaaaa acatttttag aagatcaaaa gtgaaggaaac 180
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 attgagtgcc atcatgctgc agctagaaat gcgggagaag gagctcatta agcgtgagca 360
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 ttctggcctt gtcccagagt caccatncca gactcaatat gcacggacag gacatagcaa 840
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<210> 478

<211> 857

<212> DNA

<213> Homo sapiens

<400> 478

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aagccctttt ctaatttgaa aaaaaaaaaa aaacaaaaaa ctggagacct gattctgttn  180
atctcttgta gtttctetta tctctgtttc taaccactct atgtagtgcc tctttttttc  240
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tggaagggaa aaatggccct tgcttctcac agacaaactc actatctcaa tggatcattt  360
ttgttttttt gttttgtttt gtttttgana cagtctcact ctgttgcgca ggctggagtg  420
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tcagcctcct gagtagctgg gattacggca cctgccacca tgccttgcta atttttgttt  540
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ccagaaagt tttttgntc tttctgaaaa caaccatgat tataagatgc ttctgaaaca  780
cggaagtgag agaacatgtt gtacagagaa catgcatcct ttgccctgcc ccatgnacct  840
atgctaagca ttataa                                     857

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<210> 479

<211> 862

<212> DNA

<213> Homo sapiens

<400> 479

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aacaacatg cagacagtct tacagctgca gttgcctgag ccttaagggc cttgtactc   60

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 tgccatggtg gcttggtgca ttcagnttct ctcattggta caaggtggcc cgccagagtt 780
 ccgggcagca catgggagtc aatggcctat ggnangagaa agaggttgcc ctctctgaag 840
 ttcatttctc agaaacccaa at 862

<210> 480

<211> 865

<212> DNA

<213> Homo sapiens

<400> 480

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 gctagtatta aagaagtgtt aagactagcc cagactgagt ctttctctct aaagcatgaa 180
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 ggatgcctca gactttatat tcgtggttta ttttcaattc tggtcattgt attggctctt 780
 acattaaata tactggtttg gccctagaaa tggcaaaaac acgaagtcac cactctggct 840
 ggccctaagg agctcacaaag ccatt 865

<210> 481

<211> 745

<212> DNA

<213> Homo sapiens

<400> 481

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 atttgatttt gtaaatgaat cgggtgggtaa cagatctgtg tcctcctatg tgatgtgatg 180
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 atcttactgg cattcacctg ggcttntctgn gctcaatcag gggtaagtc tggcctgatc 720
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<210> 482

<211> 755

<212> DNA

<213> Homo sapiens

<400> 482

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<210> 483

<211> 876

<212> DNA

<213> Homo sapiens

<400> 483

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<210> 484

<211> 797

<212> DNA

<213> Homo sapiens

<400> 484

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<210> 485

<211> 832

<212> DNA

<213> Homo sapiens

<400> 485

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<210> 486

<211> 762

<212> DNA

<213> Homo sapiens

<400> 486

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 gcagtgcgcc gagaccacat cattgaactc cagcctgggt gacagagtga gactctgtct 180
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<210> 487

<211> 852

<212> DNA

<213> Homo sapiens

<400> 487

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<210> 488

<211> 806

<212> DNA

<213> Homo sapiens

<400> 488

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<210> 489

<211> 889

<212> DNA

<213> Homo sapiens

<400> 489

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<210> 490

<211> 723

<212> DNA

<213> Homo sapiens

<400> 490

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<210> 491

<211> 808

<212> DNA

<213> Homo sapiens

<400> 491

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<210> 492

<211> 874

<212> DNA

<213> Homo sapiens

<400> 492

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<210> 493

<211> 834

<212> DNA

<213> Homo sapiens

<400> 493

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<210> 494

<211> 823

<212> DNA

<213> Homo sapiens

<400> 494

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cgttggccga caccttctt tctccggcc tcggtagaac cgccagcccc cgtccgaagg 180

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<210> 495

<211> 752

<212> DNA

<213> Homo sapiens

<400> 495

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<210> 496

<211> 465

<212> DNA

<213> Homo sapiens

<400> 496

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<210> 497

<211> 830

<212> DNA

<213> Homo sapiens

<400> 497

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<210> 498

<211> 847

<212> DNA

<213> Homo sapiens

<400> 498

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<210> 499

<211> 819

<212> DNA

<213> Homo sapiens

<400> 499

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<211> 711

<212> DNA

<213> Homo sapiens

<400> 500

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<210> 501

<211> 840

<212> DNA

<213> Homo sapiens

<400> 501

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<211> 745

<212> DNA

<213> Homo sapiens

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<211> 812

<212> DNA

<213> Homo sapiens

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<210> 504

<211> 792

<212> DNA

<213> Homo sapiens

<400> 504

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<210> 505

<211> 726

<212> DNA

<213> Homo sapiens

<400> 505

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<210> 506

<211> 762

<212> DNA

<213> Homo sapiens

<400> 506

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gagacctact tggttccatc ttcttgcaaa agtatttgca agaactataa tgacttacag   660
attgcagggg gccagggtgat ggncattaat tcagtgacac cagattttcc tctgagagca   720
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<210> 507

<211> 786

<212> DNA

<213> Homo sapiens

<400> 507

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ctcggaccaa gcctcgggag ctaagccaga tctgccagtg agcctcaggc tttaggaact 180
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<210> 508

<211> 860

<212> DNA

<213> Homo sapiens

<400> 508

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<210> 509

<211> 678

<212> DNA

<213> Homo sapiens

<400> 509

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 aagactgcaa gtggcaacgt ggaagcaaaa gtagtatgct tttatagacg acgtgatatt 180
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<210> 510

<211> 769

<212> DNA

<213> Homo sapiens

<400> 510

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 atttcagttt aattttctgc aattgcattt aagtttgtga tcagttcttt tctcctcact 180
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<210> 511

<211> 802

<212> DNA

<213> Homo sapiens

<400> 511

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tatgtgagg ggatctttat gttgggcttt tctatTTTT aaatgttcac atttctttct 480
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<210> 512

<211> 782

<212> DNA

<213> Homo sapiens

<400> 512

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 tc 782